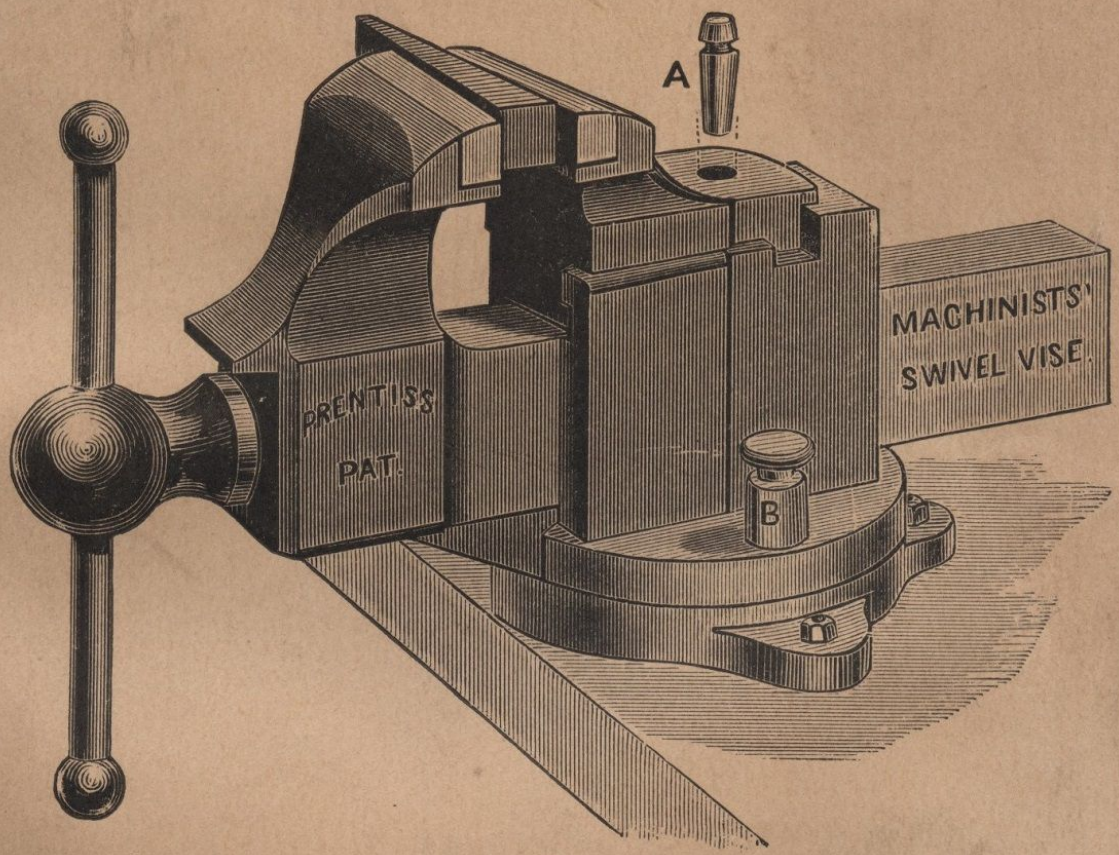
CATALOGUE No. 46.

THE PRENTISS VISE.



Prentiss Vise Company

MANUFACTURERS,

44 BARCLAY STREET,

NEW YORK.

IN PRESENTING THIS NEW CATALOGUE,
... No. 46 ...
WE DESIRE TO INVITE YOUR
SPECIAL ATTENTION TO THE

Several New Sizes and Styles of

VISES

SHOWN, ALL OF WHICH ARE FULLY EQUAL TO THE HIGH STANDARD OF EXCELLENCE WE HAVE MAINTAINED FOR OUR GOODS FOR MORE THAN 20 YEARS.

Prentiss Vise Company,

OFFICE:

44 Barclay Street, New York.

ALL VISES FOR REPAIR SHOULD BE SHIPPED TO FACTORY,
WATERTOWN, N. Y.

JANUARY 1, 1900.

PRENTISS' PATENT SELF=ADJUSTING JAW VISES

are of superior quality and workmanship, and possess MANIFEST ADVANTAGES over all others, and with our **Patent Swivel Bottom** and late improvements in manufacture, the **PRENTISS VISE** needs only to be seen to be approved; and being **complete in itself, without "attachments,"** it possesses in addition to its own peculiar advantages, **all the merits** claimed for rival implements.

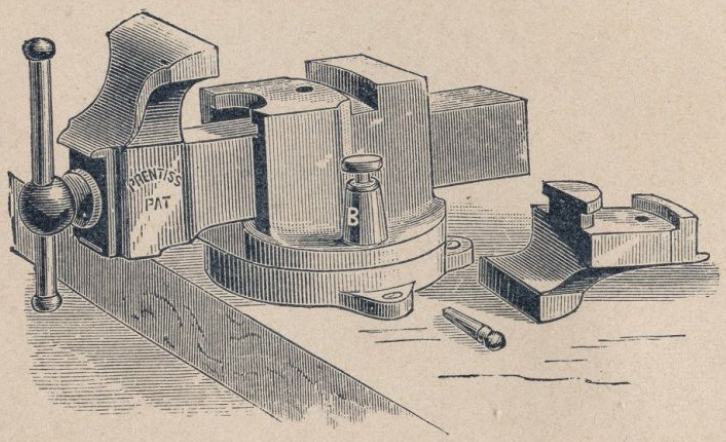


Figure 1.

Fig. 1 represents in detail an interior view of the mechanism of the PRENTISS' SELF-ADJUSTING JAW with its supports.

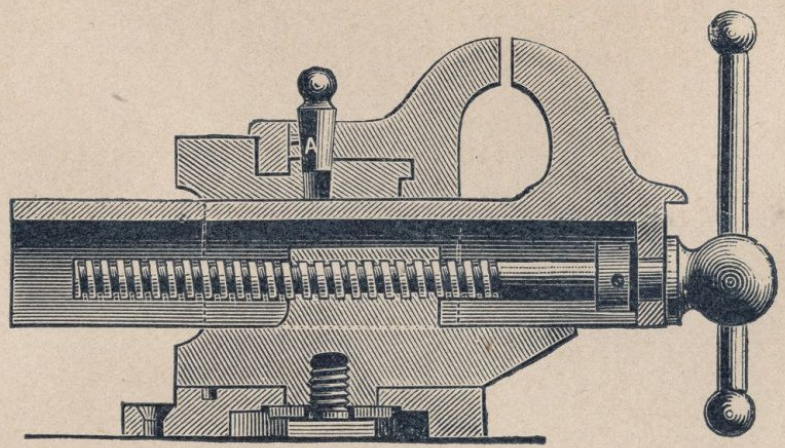


Figure 2.

Fig. 2 is a sectional view of the PRENTISS VISE, showing novelty and simplicity of its construction, from which may be readily seen there is nothing which can get out of order.

The BACK JAW of this VISE is SELF-ADJUSTING and in use conforms by AUTOMATIC ACTION to any angle, **adjusts itself,** and makes firm the object held, whether it be STRAIGHT, BEVELLED or WEDGED-SHAPED. By inserting pin A (see Fig. 3), the jaw becomes FIXED, thus making a PARALLEL SOLID JAW VISE.

The SELF-ADJUSTING JAW, resting and working as it does upon and against the SOLID BODY OF THE VISE, is thereby rendered absolutely as strong and durable as a solid jaw.

The **"Prentiss Patent"** is the only **strong** and **durable** Self-Adjusting Jaw Vise in the market.

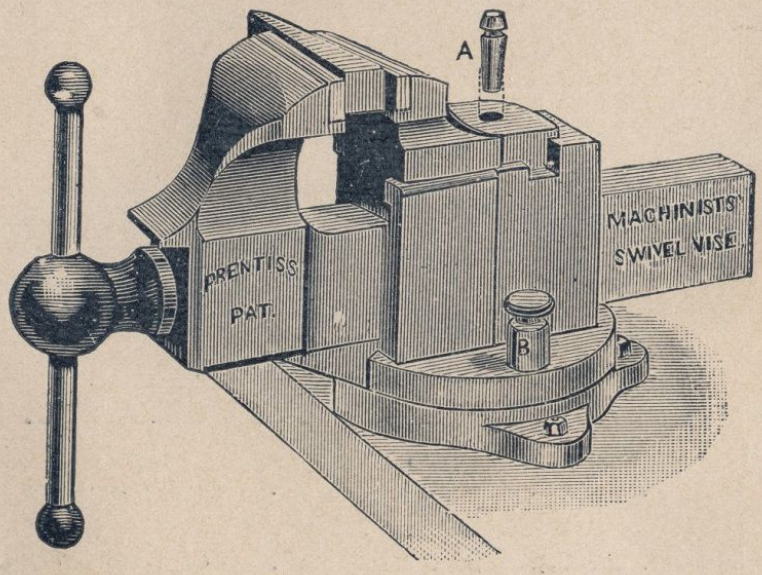
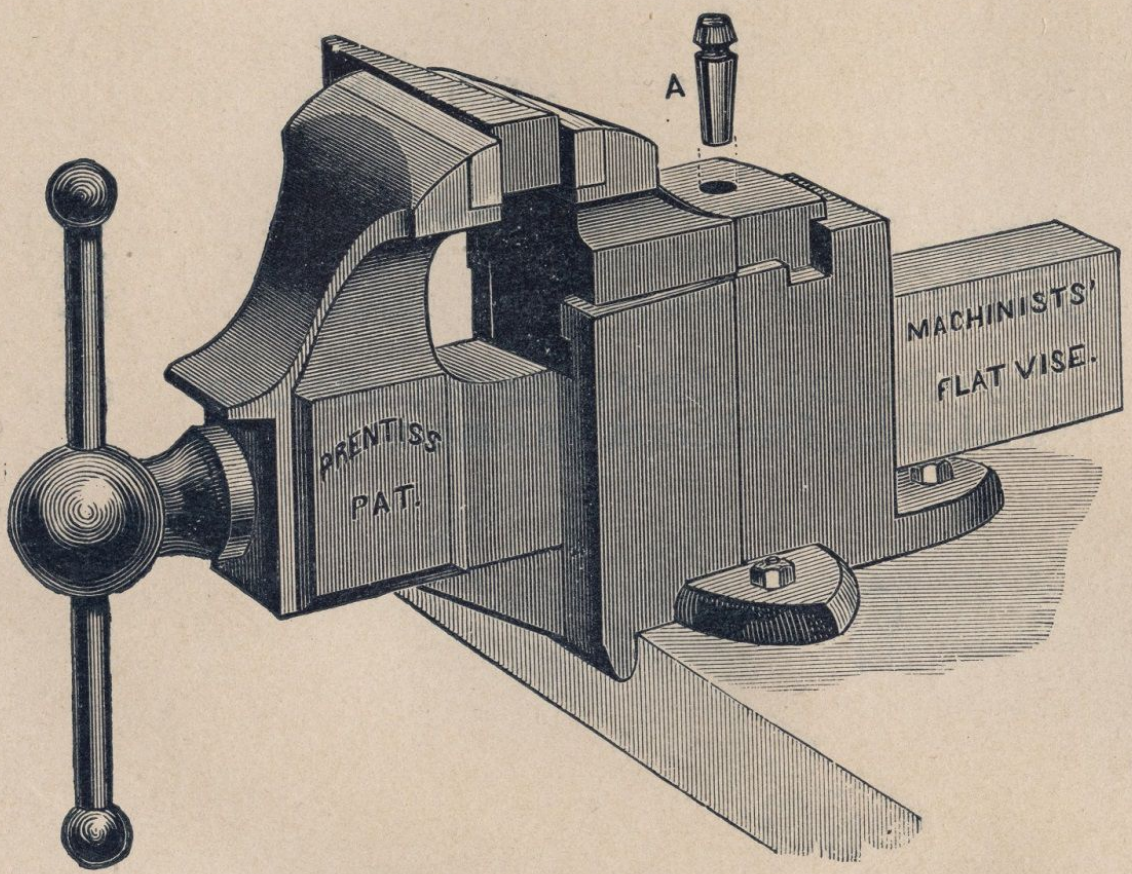


Fig. 3.—Prentiss' Patent Swivel Bottom.

Fig. 3 shows our **PATENT SWIVEL BOTTOM,** by which the Vise can be **instantly** adjusted to **right or left** at will of operator, by simply raising ratchet pin B (see Fig. 3), which, on being freed, is instantly forced home by spring, thus rendering the Vise **solid** and **firm,** at any desired angle.

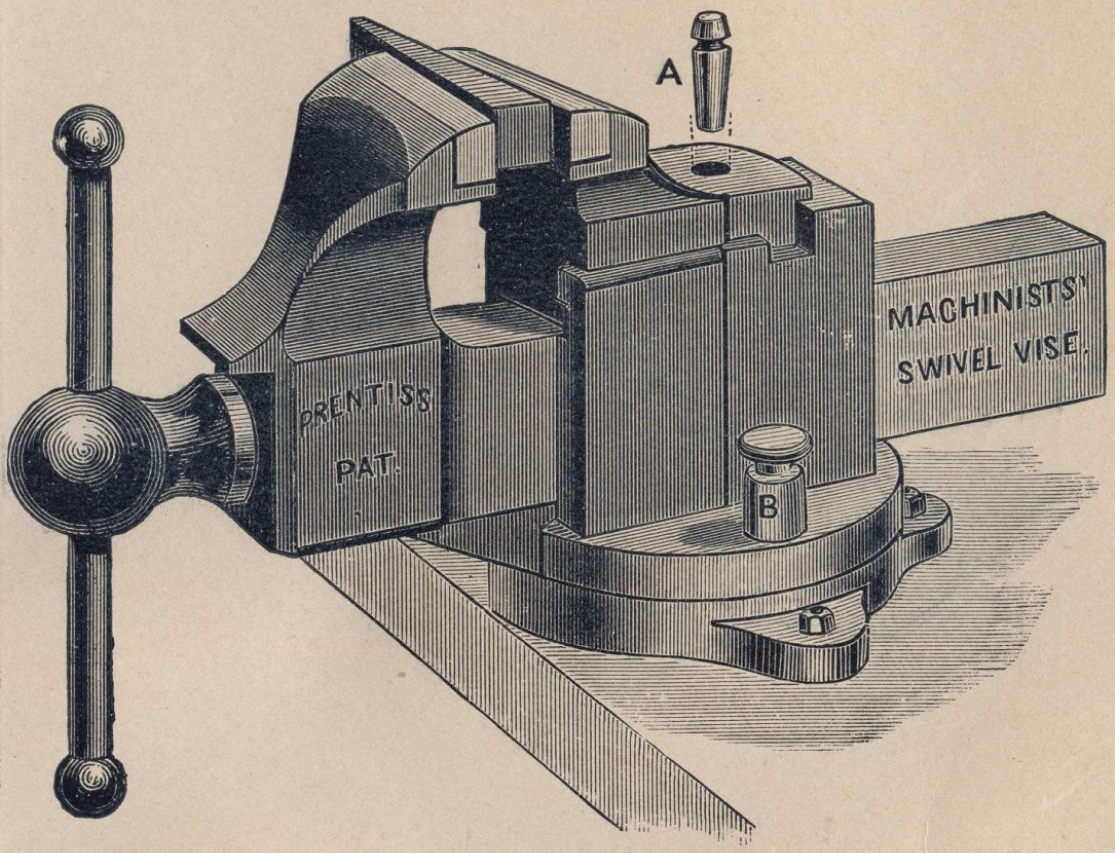
PRENTISS' PATENT IRON-WORKERS' VISES.



Stationary Bottom, Machinists' Self-Adjusting Jaw Vise.

No. 1.	Stationary Bottom,	. . . .	Price	$ 5	50
	2⅝ in. Jaws. Opens	3½ in.	Weight	13½	lbs.
No. 2.	Stationary Bottom,	. . . .	Price	$ 7	00
	3½ in. Jaws. Opens	4¾ in.	Weight	28	lbs.
No. 2½.	Stationary Bottom,	. . . .	Price	$ 9	00
	4 in. Jaws. Opens	5¼ in.	Weight	41	lbs.
No. 3.	Stationary Bottom,	. . . .	Price	$10	50
	4½ in. Jaws. Opens	6 in.	Weight	54	lbs.
No. 4.	Stationary Bottom,	. . . .	Price	$17	00
	5¼ in. Jaws. Opens	8 in.	Weight	96	lbs.
No. 5.	Stationary Bottom,	. . . .	Price	$24	00
	6 in. Jaws. Opens	9 in.	Weight	146	lbs.
No. 6.	Stationary Bottom,	. . . .	Price	$30	00
	7 in. Jaws. Opens	11 in.	Weight	184	lbs.

PRENTISS' PATENT IRON-WORKERS' VISES.

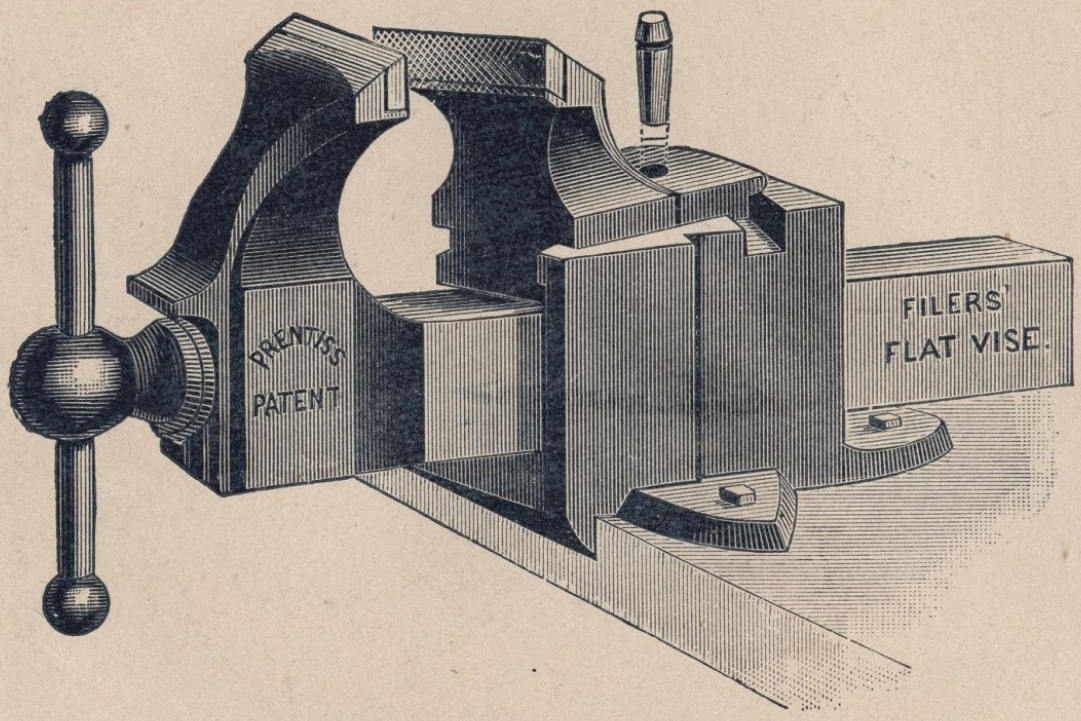


Patent Swivel Bottom, Machinists' Self-Adjusting Jaw Vise.

No. 18.	Patent Swivel Bottom, . . . Price 2⅝ in. Jaws. Opens 3½ in. Weight 17 lbs.	$ 6 75
No. 19.	Patent Swivel Bottom, . . . Price 3½ in. Jaws. Opens 4¾ in. Weight 32 lbs.	$ 8 50
No. 19½.	Patent Swivel Bottom, . . . Price 4 in. Jaws. Opens 5¼ in. Weight 46 lbs.	$10 50
No. 20.	Patent Swivel Bottom, . . . Price 4½ in. Jaws. Opens 6 in. Weight 65 lbs.	$12 50
No. 21.	Patent Swivel Bottom, . . . Price 5¼ in. Jaws. Opens 8 in. Weight 109 lbs.	$19 00
No. 22.	Patent Swivel Bottom, . . . Price 6 in. Jaws. Opens 9 in. Weight 168 lbs.	$27 00
No. 23.	Patent Swivel Bottom. . . . Price 7 in. Jaws. Opens 11 in. Weight 207 lbs.	$35 00

PRENTISS' PATENT

Filers' or Finishers' Vise.



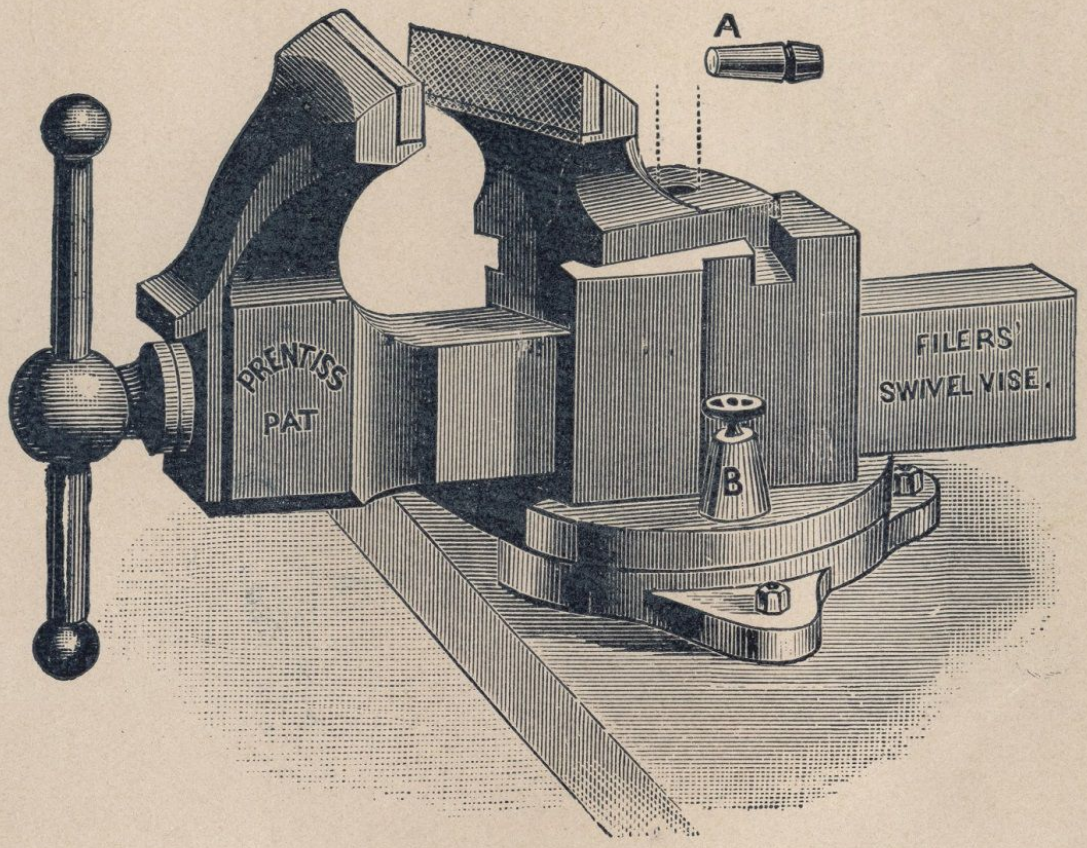
Stationary Bottom, Filers' Self-Adjusting Jaw Vise.

These implements were especially designed and introduced to satisfy demand for a Vise of this class, embracing the advantages of our Patent Self-Adjusting Jaw and Patent Swivel Bottom. The peculiarities of its construction are **lean, high jaws, long arm and large throat.** Rough-cut or smooth Jaws.

No. 42. Stationary Bottom, ... Price $ 8 00
4¼ in. Jaws. Opens 5¼ in. Weight 42 lbs.

PRENTISS' PATENT

Filers' or Finishers' Vise.

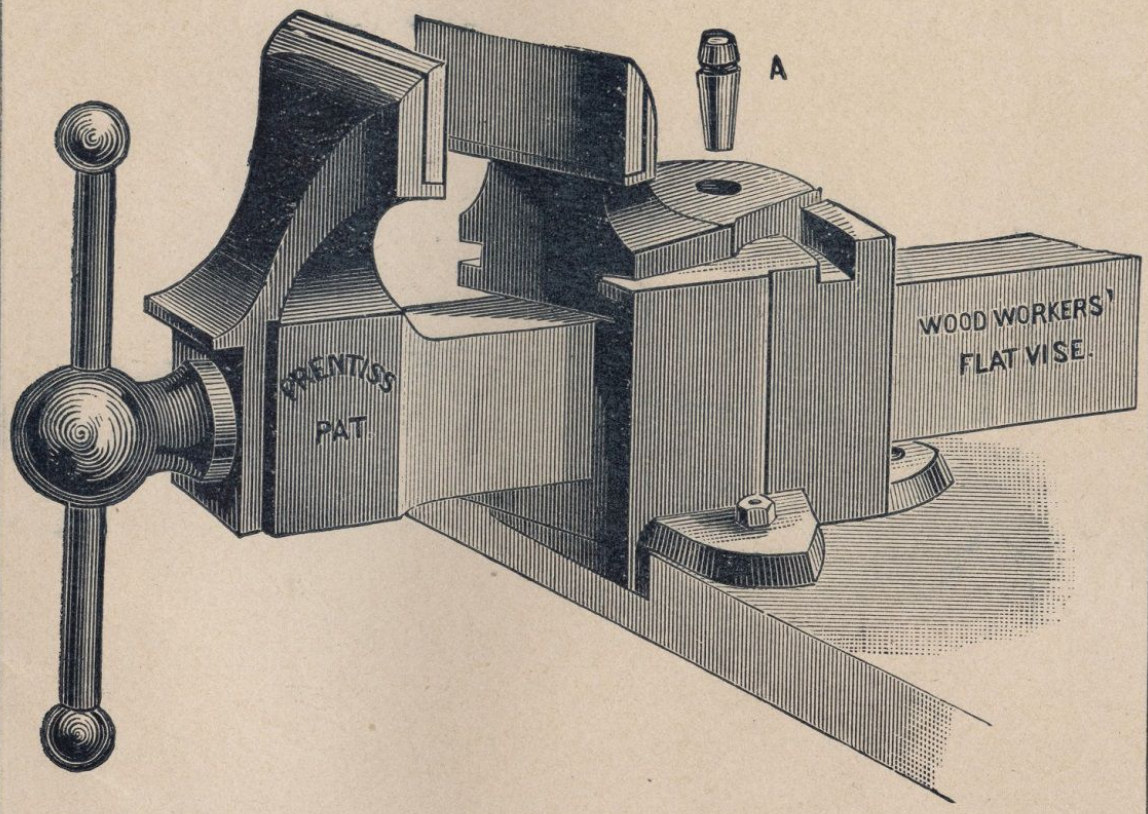


Patent Swivel Bottom, Filers' Self-Adjusting Jaw Vise.

We call especial attention to our **NEW MODEL** Filers' or Finishers' Vises, having **increased the weight** and **size,** making them the **STRONGEST** Vises of this style ever offered.

No. 47. Patent Swivel Bottom, . . . Price $10 00
4¼ in. Jaw. Opens 5¼ in. Weight 47 lbs.

PRENTISS' PATENT WOOD-WORKERS' VISES.



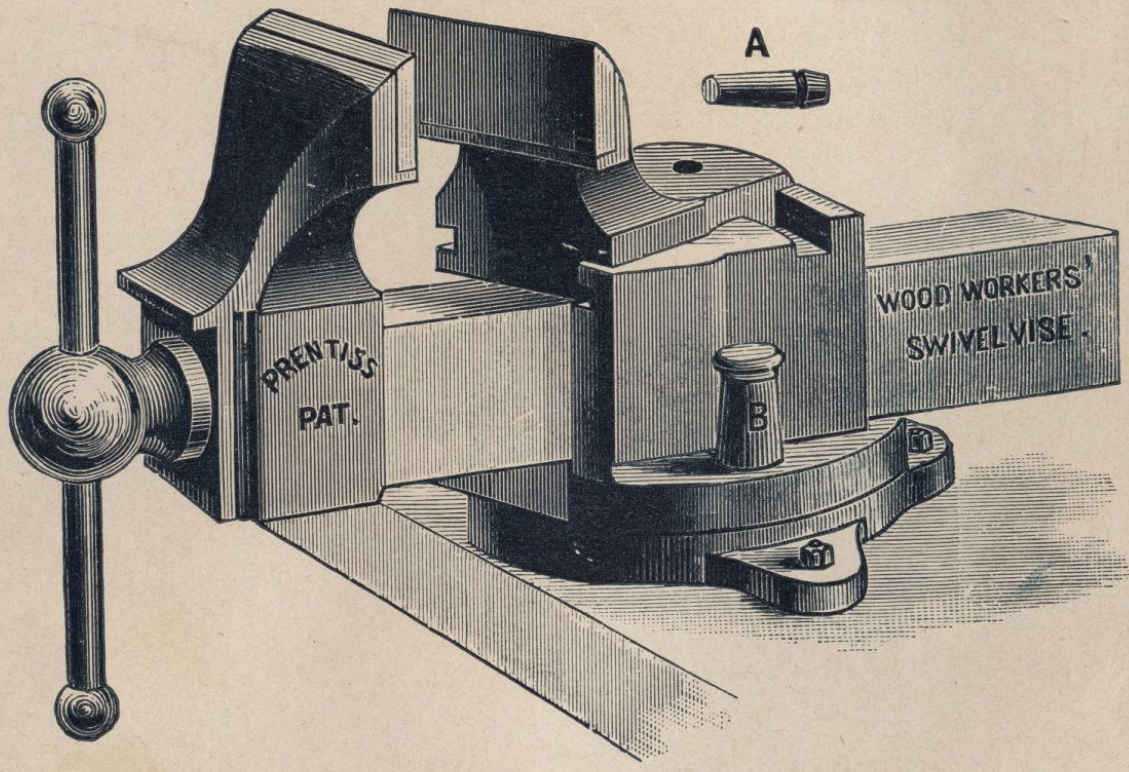
Stationary Bottom,
Coach-Makers' Self-Adjusting Jaw Vise.

Our "Coach-Makers'" Vises which are constructed upon the same principles as the Iron-Workers' before described, are acknowledged to possess many advantages over any other yet offered for use of Car and Carriage-Builders, Furniture-Manufacturers, Pattern Makers and all Wood-Workers.

No. 12. Stationary Bottom, ... Price $ 8 00
3½ in. Jaws. Opens 7 in. Weight 30 lbs.

No. 10. Stationary Bottom, ... Price $11 00
4½ in. Jaws. Opens 9½ in. Weight 59 lbs.

PRENTISS' PATENT WOOD-WORKERS' VISES.



Patent Swivel Bottom, Coach-Makers' Self-Adjusting Jaw Vise.

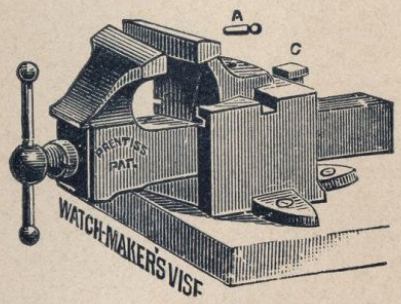
Our Self-Adjusting Jaw, combined with the Patent Swivel Bottom, makes the best Vise ever offered artisans in wood, the large surfaces of the jaws (which are finished perfectly smooth), protecting the work from injury, while the Self-Adjusting Jaw easily and firmly holds articles of any shape.

No. 27. Patent Swivel Bottom, . . . Price $ 9 50
3½ in. Jaws. Opens 7 in. Weight 34 lbs.

No. 26. Patent Swivel Bottom, . . . Price $13 00
4½ in. Jaws. Opens 9½ in. Weight 67 lbs.

Prentiss' Patent Watch-Makers' Vises.

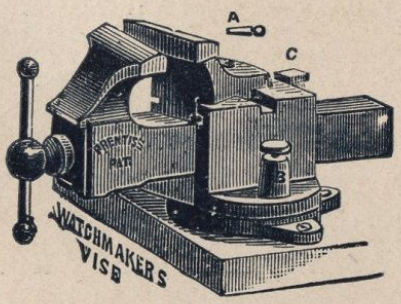
Our **Watch-Makers' and Jewellers' Vises** are made with CAST STEEL SQUARE ANVIL (letter C), raised at the back, and JAWS ROUGH-CUT or SMOOTH as desired, being especially adapted to the uses of Manufacturing Jewellers and Watch-Makers.



Stationary Bottom, Watch-Makers' Self-Adjusting Jaw Vise.

No. 30. Stationary Bottom, . . . Price $ 3 50
1¾ in. Jaws. Opens 1¾ in. Weight 1½ lbs.

No. 31. Same as the above, **Nickel Plated,** Price $ 5 75

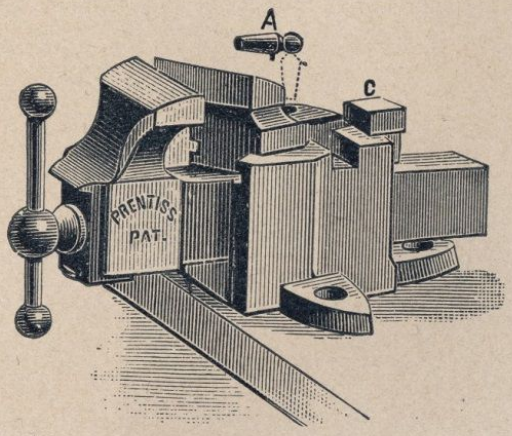


Patent Swivel Bottom, Watch-Makers' Self-Adjusting Jaw Vise.

No. 35. Patent Swivel Bottom, . . . Price $ 4 50
1¾ in. Jaws. Opens 1¾ in. Weight 2 lbs.

No. 36. Same as the above, **Nickel Plated,** . . $ 6 75

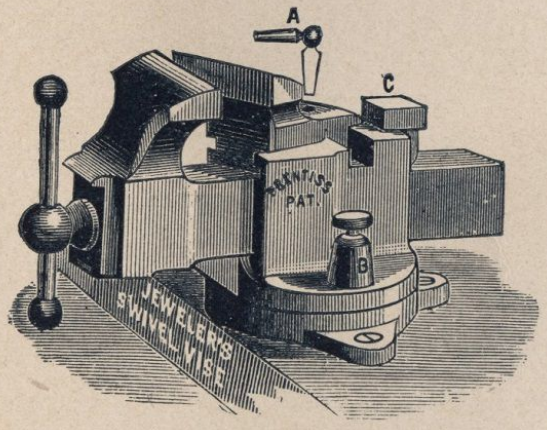
Prentiss' Patent Jewellers' Vises.



Stationary Bottom, Jewellers' Self-Adjusting Jaw Vise.

No. 32. Stationary Bottom, ... Price $ 4 00
2 in. Jaws. Opens 2 in. Weight 3½ lbs.

No. 33. Same as the above, **Nickel Plated,** . . $ 6 50

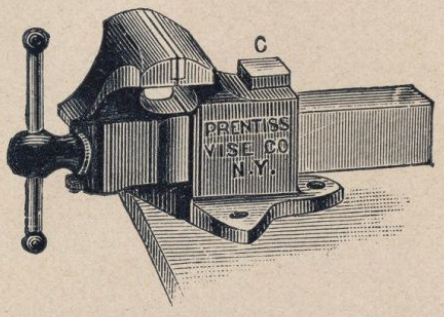


Patent Swivel Bottom, Jewellers' Self-Adjusting Jaw Vise.

No. 37. Patent Swivel Bottom, . . . Price $ 5 00
2 in Jaws. Opens 2 in. Weight 4½ lbs.

No. 38. Same as the above, **Nickel Plated,** . . $ 7 50

Prentiss' Solid Jaw Jewellers' Vises.

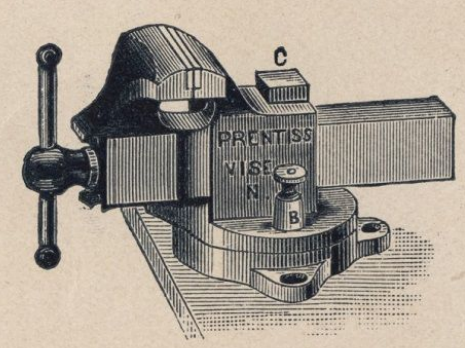


NEW SOLID JAW,
STATIONARY BOTTOM VISE, WITH ANVIL.

No. 34. Stationary Bottom, ... Price $3 00
2 in. Jaws. Opens 2 in. Weight 2 lbs.

No. 34½. Same as the above, **Nickel Plated,** . Price $4 75

In addition to our regular lines of long and favorably known Prentiss' Patent Jewellers' and Watch-Makers' Vises, we now offer these new implements in which the special features are SOLID BACK (instead of "Self-Adjusting Jaw"), and the lowest price consistent with our high standard of excellence, which is fully maintained.

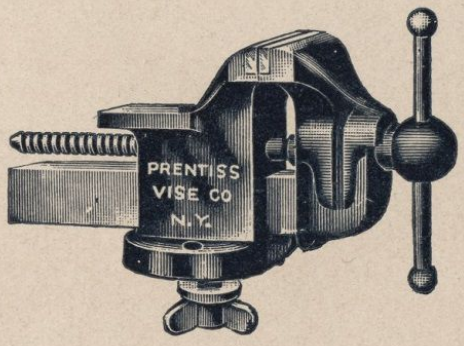


NEW SOLID JAW,
PATENT SWIVEL VISE, WITH ANVIL.

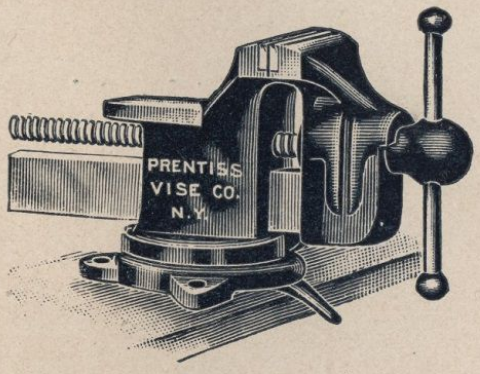
No. 39. Patent Swivel Bottom, . . . Price $4 00
2 in. Jaws. Opens 2 in. Weight 2¾ lbs.

No. 39½. Same as the above, **Nickel Plated,** . Price $5 75

SHEPARD VISES.



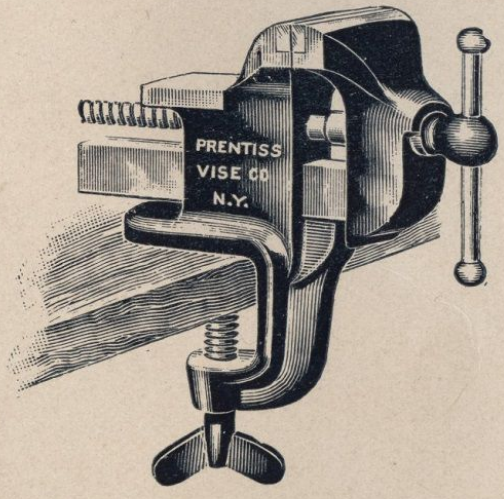
No. 158. Stationary Base.



No. 159. Swivel Base.

No. 158. Jaws 2 in. Opens 2 in. Weight 2½ lbs. Price $ 75
No. 159. Jaws 2 in. Opens 2 in. Weight 3 lbs. Price $1 00

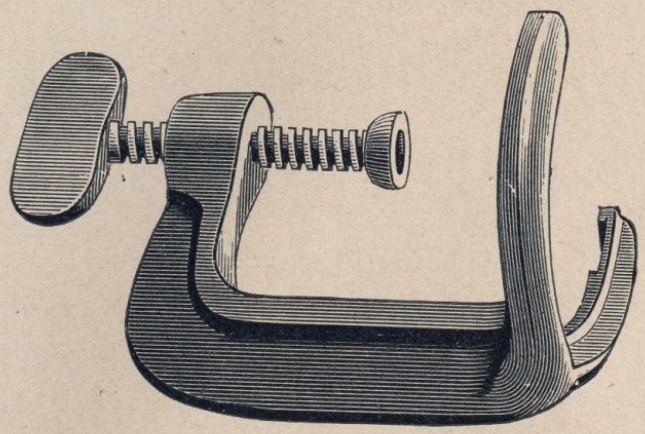
SHEPARD CLAMP VISES.



No. 152.	Jaws 1½	in.	Opens 1½	in.	Wt. 1½	lbs.	Price $	30
No. 153.	" 1¾	"	" 1¾	"	" 2½	"	"	60
No. 154.	" 2	"	" 2	"	" 3	"	"	75

Wrought Steel Sliding Bars, Screws and Levers. Jaws Hardened and Checked. Handsomely Polished Anvil.

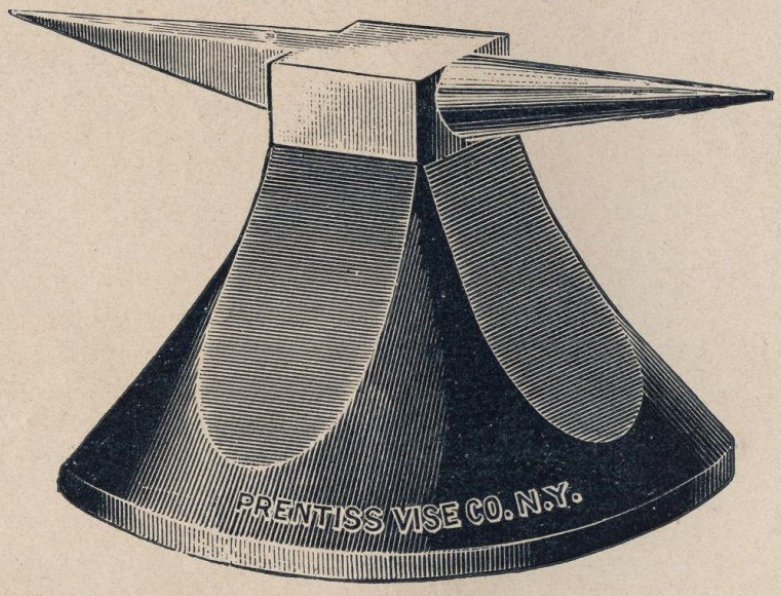
Prentiss' Vise Clamp.



This figure represents a superior Clamp, made in Malleable Iron, for temporarily fastening the **PRENTISS' Swivel Bottom** Vise to **Table, Bench or Rail of Vessel** the latter being a great convenience to engineers afloat, where shop facilities are necessarily very limited.

FOR VISE		FOR VISE	
No. 35,	$ 75	**No. 19,**	$2 00
" **37,**	85	" **20,**	2 50
" **18,**	1 50	" **21,**	3 00

PRENTISS VISE COMPANY'S JEWELLERS' TABLE ANVILS.



No. 500. Painted Base. Anvil Polished, each, 60 cents.
No. 502. Same, Fully Nickel-plated, " 80 "

These Anvils are made of the best quality of Cast Steel and are handsomely finished in every respect. The Bases are made low and weighted at bottom to make them stand firmly on table.

Weight, 1¼ pounds. Height, 2 inches.
Each Anvil is neatly boxed.

PRENTISS' PATENT

RAPID TRANSIT VISES.

Attention of the Trade, Manufacturers and Mechanics is called to the PRENTISS VISE COMPANY'S Superior RAPID TRANSIT BENCH VISE.

This Vise has outlived several styles of quick-acting Vises, and is giving better satisfaction than any such Vise ever offered.

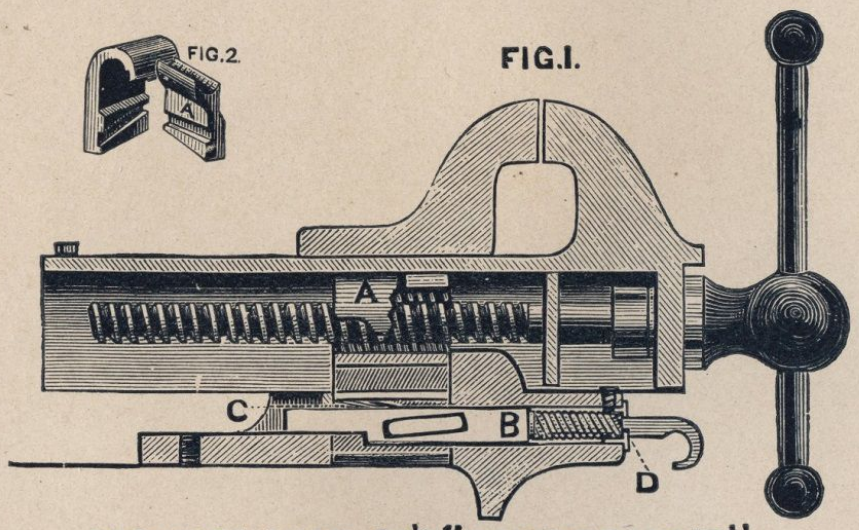
Our Plan is new, and a better method for Rapid Transit Movement than any heretofore offered and can be operated as a first-class Parallel Screw Vise, ENTIRELY INDEPENDENT of the Rapid Transit movement, if so desired.

Among the rare advantages embraced in our new Rapid Transit Vise, all of which are self-apparent at sight, are Extreme Simplicity, Strength and Durability of the PLAN—the very limited number of parts, *(there being actually only two pieces more in our Rapid Transit Vise than in an ordinary Screw Vise)*—the positive action, great strength and firmness of the Nut when locked.

By a single movement this Vise may be opened or closed full length, and the Nut will engage the Screw at any point.

This is the only Quick-Action Vise having full Nut.

RAPID TRANSIT PARALLEL VISES.



PRENTISS VISE Co's "RAPID TRANSIT"

The above is a sectional view of the mechanism of our New Patent Rapid Transit Invention.

Our plan is entirely new, and needs only to be seen to *convince* that it is the ***Least Complicated, Most Positive, Simplest, Strongest*** and best method for Operating Rapid Transit Vise yet put in market.

DESCRIPTION.

Figure 1 represents half section of Vise cut lengthwise through all parts:

A is one-half of our Rapid Transit Nut in place, disengaged from the screw.

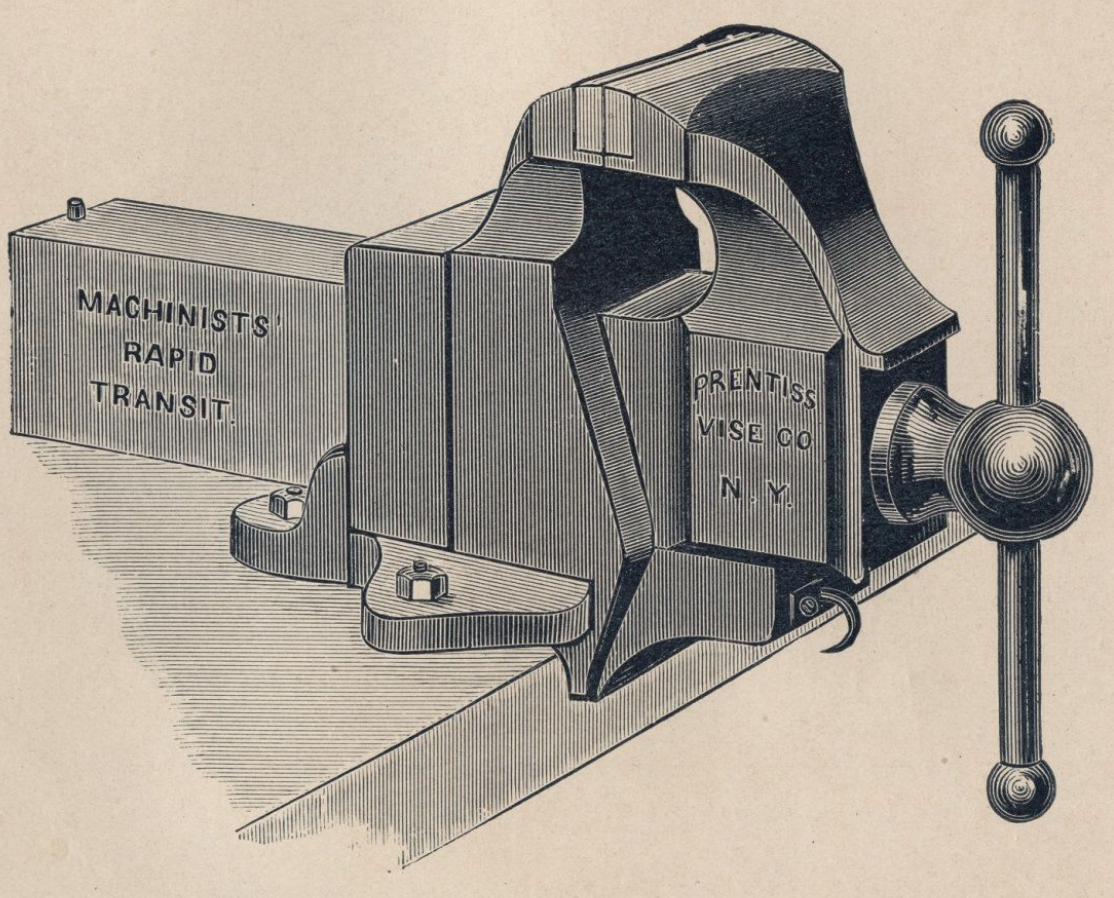
B is an ***Operating Bar*** carrying two ***Inclines*** or ***Ledges*** (all one piece), by which the Nut is both opened and closed, and by the same movement is ***firmly locked.***

C shows ***Groove*** in which ***Incline*** travels, thereby forcing one-half nut up and the other down simultaneously, on moving the ***Bar*** to Front or Rear one-half inch.

D is a ***Ratchet Catch*** on operating Bar, which when engaged holds nut open.

Figure 2 shows the whole Nut detached.

PRENTISS' RAPID TRANSIT MACHINISTS' VISES.



Machinists' New Rapid Transit Vise.

No. 70. Stationary Bottom, ... Price $ 6 50
3 in. Jaws. Opens 3½ in. Weight 22 lbs.

No. 71. Stationary Bottom, ... Price $ 8 00
3¾ in. Jaws. Opens 4½ in. Weight 33 lbs.

No. 72. Stationary Bottom, ... Price $11 00
4¼ in. Jaws. Opens 5½ in. Weight 54 lbs.

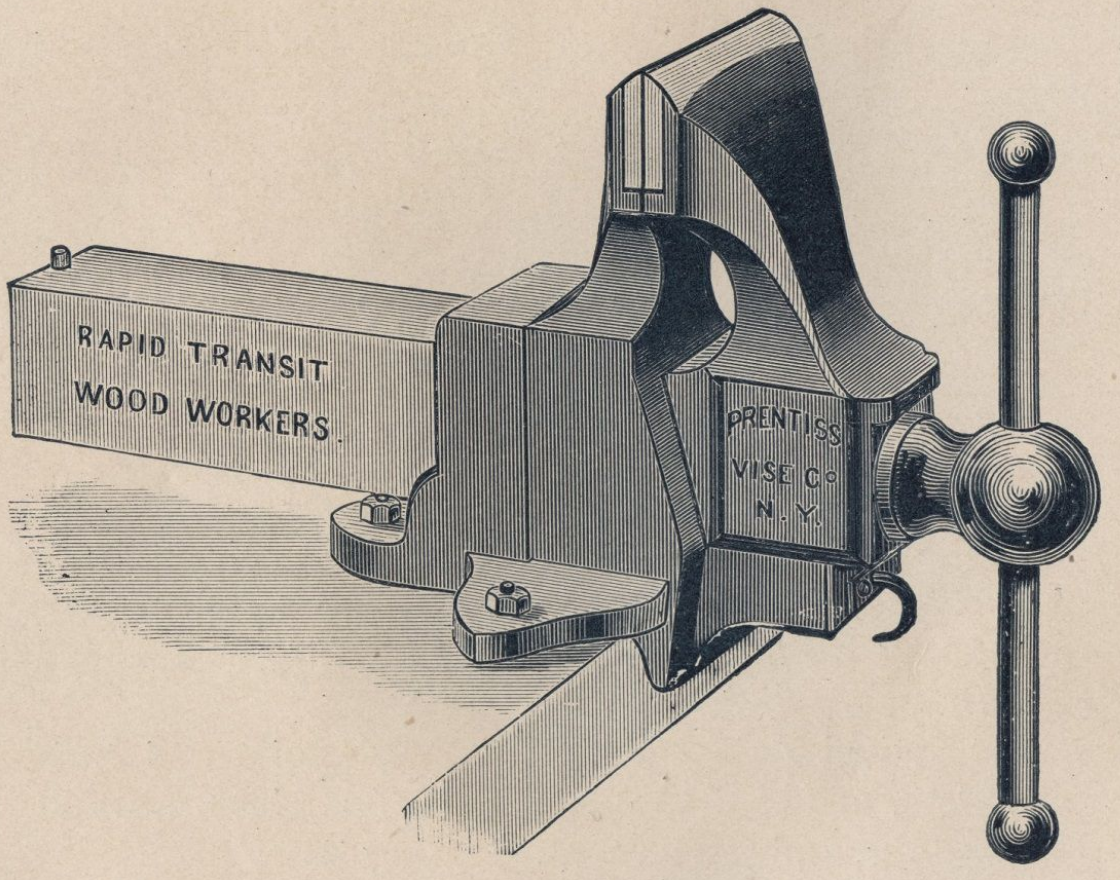
No. 73. Stationary Bottom, ... Price $13 50
4¾ in. Jaws. Opens 6½ in. Weight 65 lbs.

No. 74. Stationary Bottom, ... Price $19 00
5½ in. Jaws. Opens 8 in. Weight 98 lbs.

No. 75. Stationary Bottom, ... Price $28 00
6½ in. Jaws. Opens 9½ in. Weight 150 lbs.

(For price **SWIVEL BOTTOMS** see page 20.)

PRENTISS' RAPID TRANSIT WOOD-WORKERS' OR COACH-MAKERS' VISE.

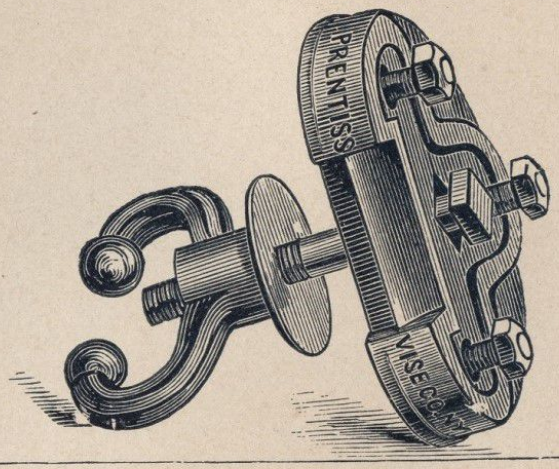


Coach-Makers' New Rapid Transit Vise.

No. 76. Stationary Bottom, . . . Price $11 50
4¼ in. Jaws. Opens 9 in. Weight 55 lbs.

Swivel Bottom Attachment for above, . $ 1 75

Swivel Bottom Attachments for Rapid Transit Vises.



NEW SWIVEL BOTTOM.

The above represents our **NEW SWIVEL BOTTOM ATTACHMENT**, by use of which all sizes of our Stationary Bottom Rapid Transit Vises may be changed into first-class Swivel Bottom Vises.

The Swivel Plate Attachments, with Bolts and Nuts complete, are sold separate *for the above named Vises only*, and can be applied at any time.

In ordering Swivel Attachment give NUMBER OF VISE for which it is required.

PRICE LIST FOR SWIVEL BOTTOMS

INCLUDING BOLTS AND NUTS.

FOR VISE	EACH	FOR VISE	EACH
No. 70,	$1 00	**No. 74,**	$2 50
No. 71,	1 50	**No. 75,**	3 25
No. 72 & 73,	1 75	**No. 76,**	1 75

PRENTISS'

Solid Jaw Parallel Vises

"BULL DOG."

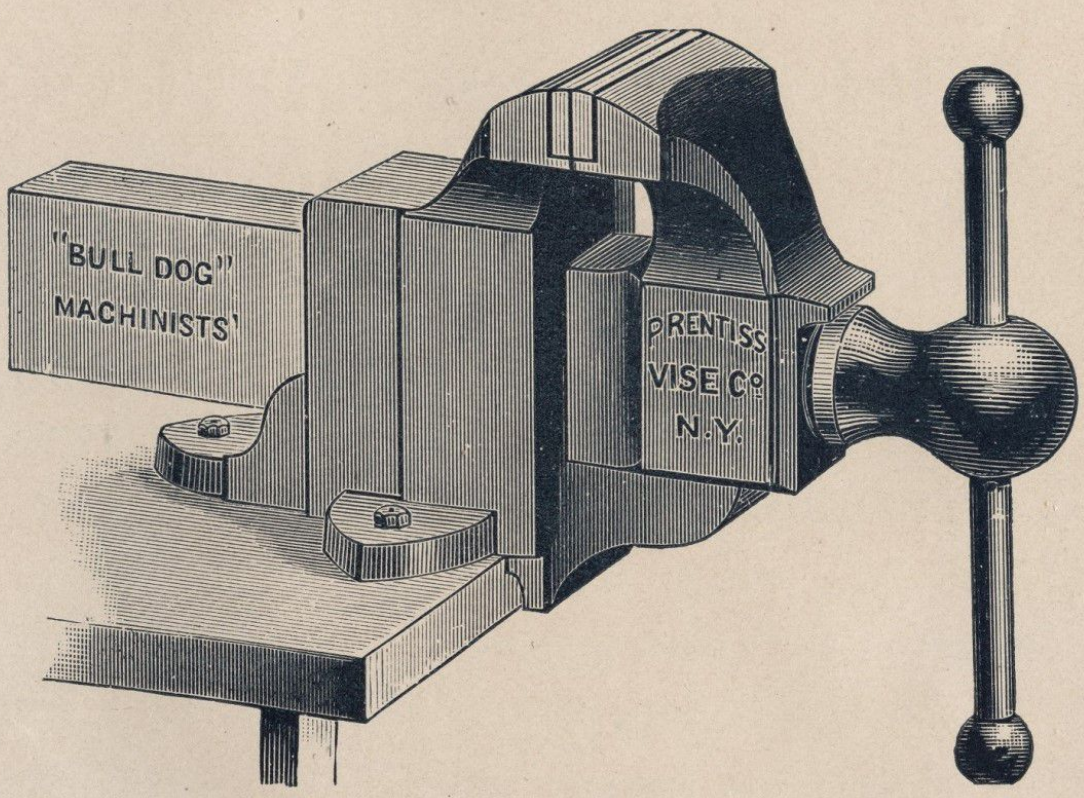
(TRADE MARK.)

Our new and improved pattern SOLID JAW parallel MACHINISTS', BLACKSMITHS', and WOOD-WORKERS' Bench Vises are placed in market under the trade name "BULL DOG," which has been adopted by us to distinguish our vises from other similar goods.

In manufacturing the "BULL DOG" Vises only the Best of materials, workmanship, and improved machinery will be made use of, and in Style, Finish, Strength and Durability, we believe them to be superior to any Vises of this Class heretofore offered; and we desire to call special attention of the Trade to the following attractive features presented in connection with the "BULL DOG" VISES: They are not only of Best Pattern, Best Materials, Best Workmanship and Finish, but also are sold at LOWER PRICES than any other first-class Vise of this kind.

ALL PARTS DUPLICATED ON CALL.

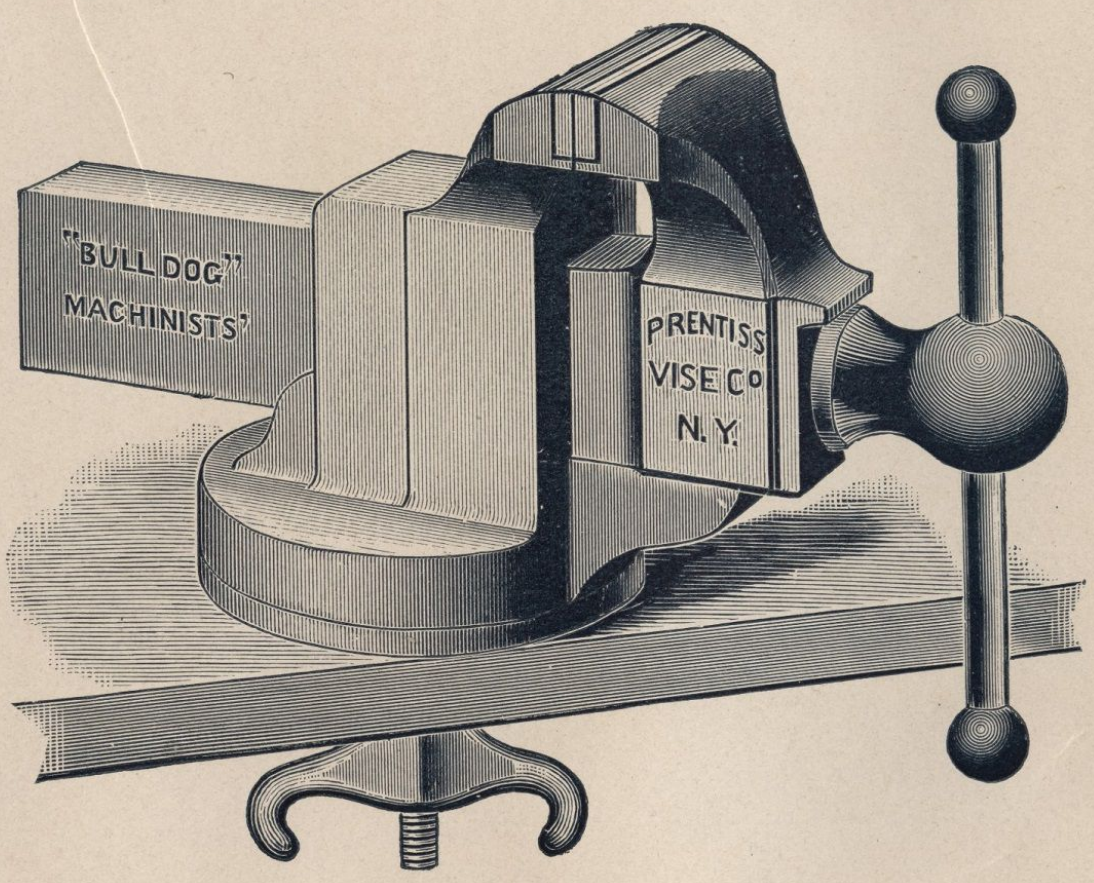
MACHINISTS' "BULL DOG" VISES.



Stationary Bottom, Machinists' Solid Jaw, Parallel Vise.

No. 50.	Stationary Bottom, . . . 3¼ in. Jaws. Opens 4 in. Weight 22 lbs.	Price $ 6 00
No. 51.	Stationary Bottom, . . . 3⅝ in. Jaws. Opens 5 in. Weight 28 lbs.	Price $ 7 00
No. 52.	Stationary Bottom, . . . 4⅛ in. Jaws. Opens 5½ in. Weight 42 lbs.	Price $ 8 50
No. 53.	Stationary Bottom, . . . 4⅝ in. Jaws. Opens 6¼ in. Weight 52 lbs.	Price $10 00
No. 54.	Stationary Bottom, . . . 5 in Jaws. Opens 7 in. Weight 72 lbs.	Price $13 00
No. 55.	Stationary Bottom, . . . 5½ in. Jaws. Opens 8½ in. Weight 100 lbs.	Price $18 50
No. 56.	Stationary Bottom, . . . 6 in. Jaws. Opens 9 in. Weight 135 lbs.	Price $25 00

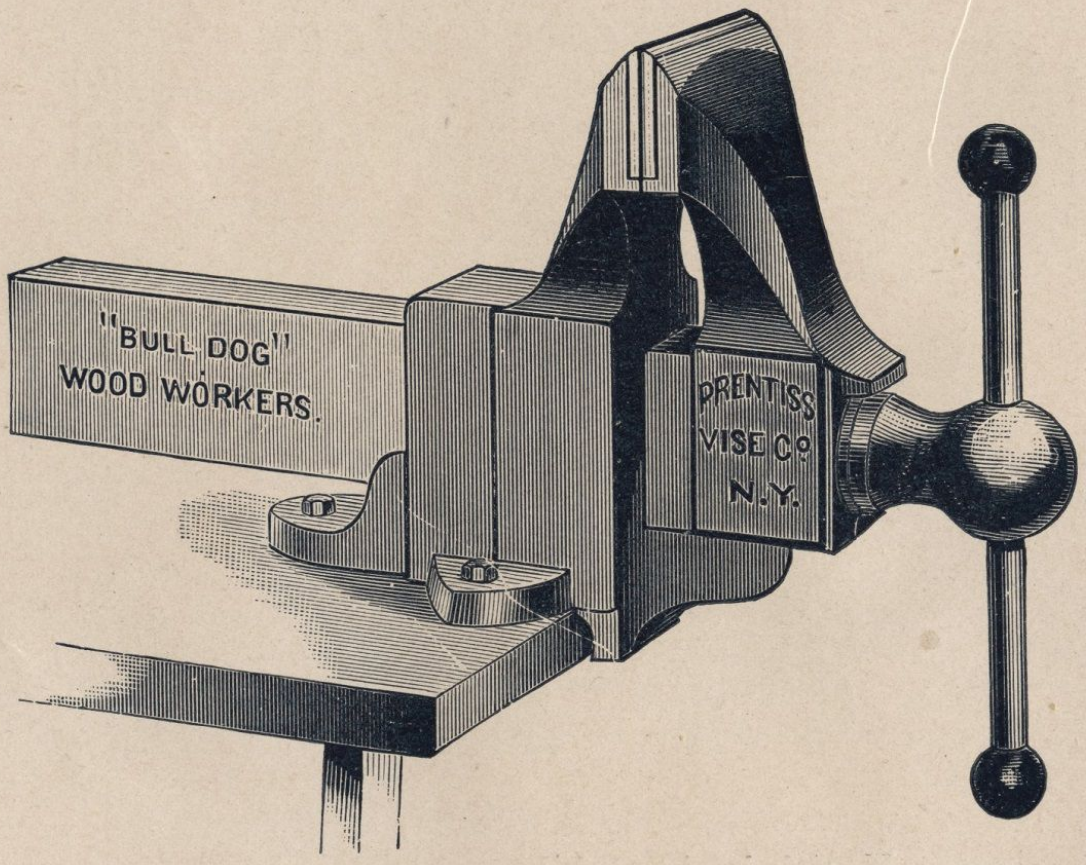
MACHINISTS' "BULL DOG" VISES.



Swivel Bottom,
Machinists' Solid Jaw, Parallel Vise.

No. 90.	Swivel Bottom, 3¼ in. Jaws. Opens 4 in.	Price $ 7 50 Weight 28 lbs.
No. 91.	Swivel Bottom, 3⅝ in. Jaws. Opens 5 in.	Price $ 8 75 Weight 36 lbs.
No. 92.	Swivel Bottom, 4⅛ in. Jaws. Opens 5½ in.	Price $10 50 Weight 52 lbs.
No. 93.	Swivel Bottom, 4⅝ in. Jaws. Opens 6¼ in.	Price $12 50 Weight 64 lbs.
No. 94.	Swivel Bottom, 5 in. Jaws. Opens 7 in.	Price $16 00 Weight 85 lbs.
No. 95.	Swivel Bottom, 5½ in. Jaws. Opens 8½ in.	Price $22 00 Weight 115 lbs.
No. 96.	Swivel Bottom, 6 in. Jaws. Opens 9 in.	Price $30 00 Weight 155 lbs.

WOOD-WORKERS' "BULL DOG" VISE.



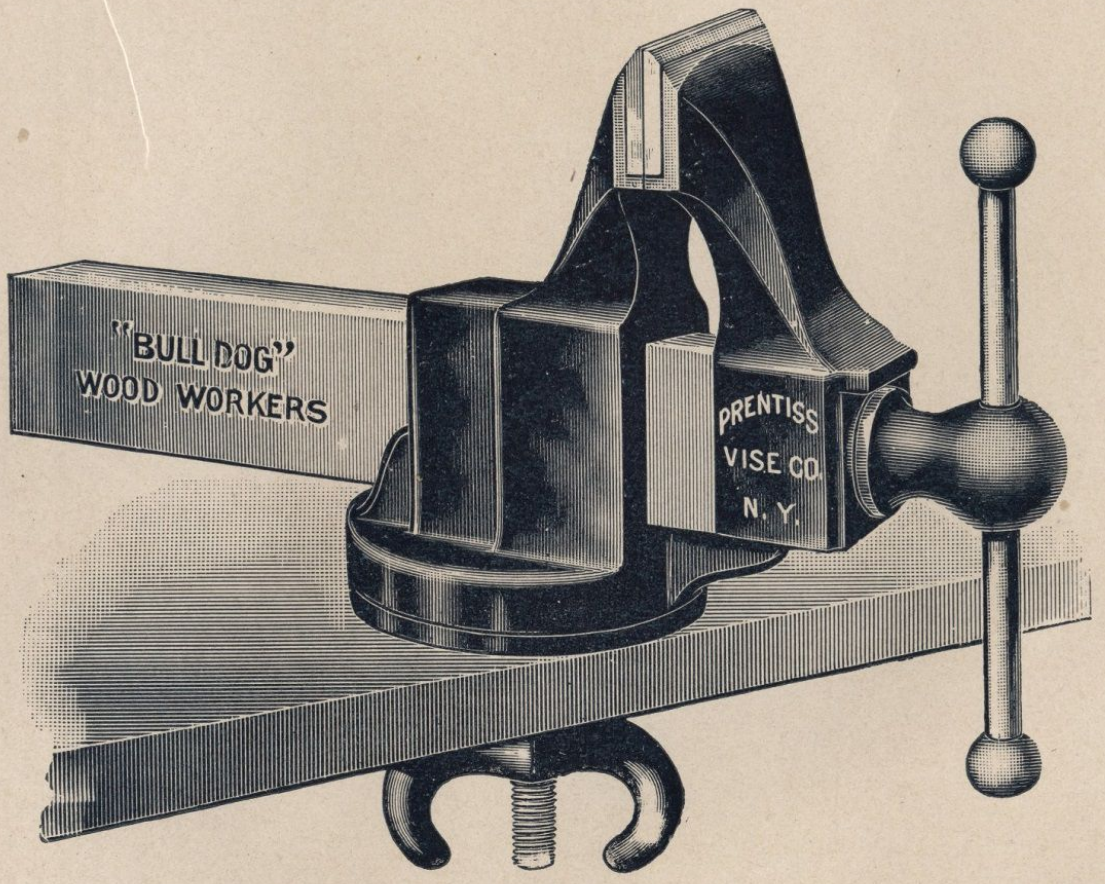
Stationary Bottom,

Coach-Makers' Solid Jaw, Parallel Vise.

The above is a medium sized Wood-Workers' Vise designed for the use of Carriage and Wagon Makers, Pattern Makers and Wood-Workers generally.

No. 59. Stationary Bottom, . . . Price $ 9 50
4¼ in. Jaws. Opens 9 in. Weight 48 lbs.

WOOD-WORKERS' "BULL DOG" VISE.

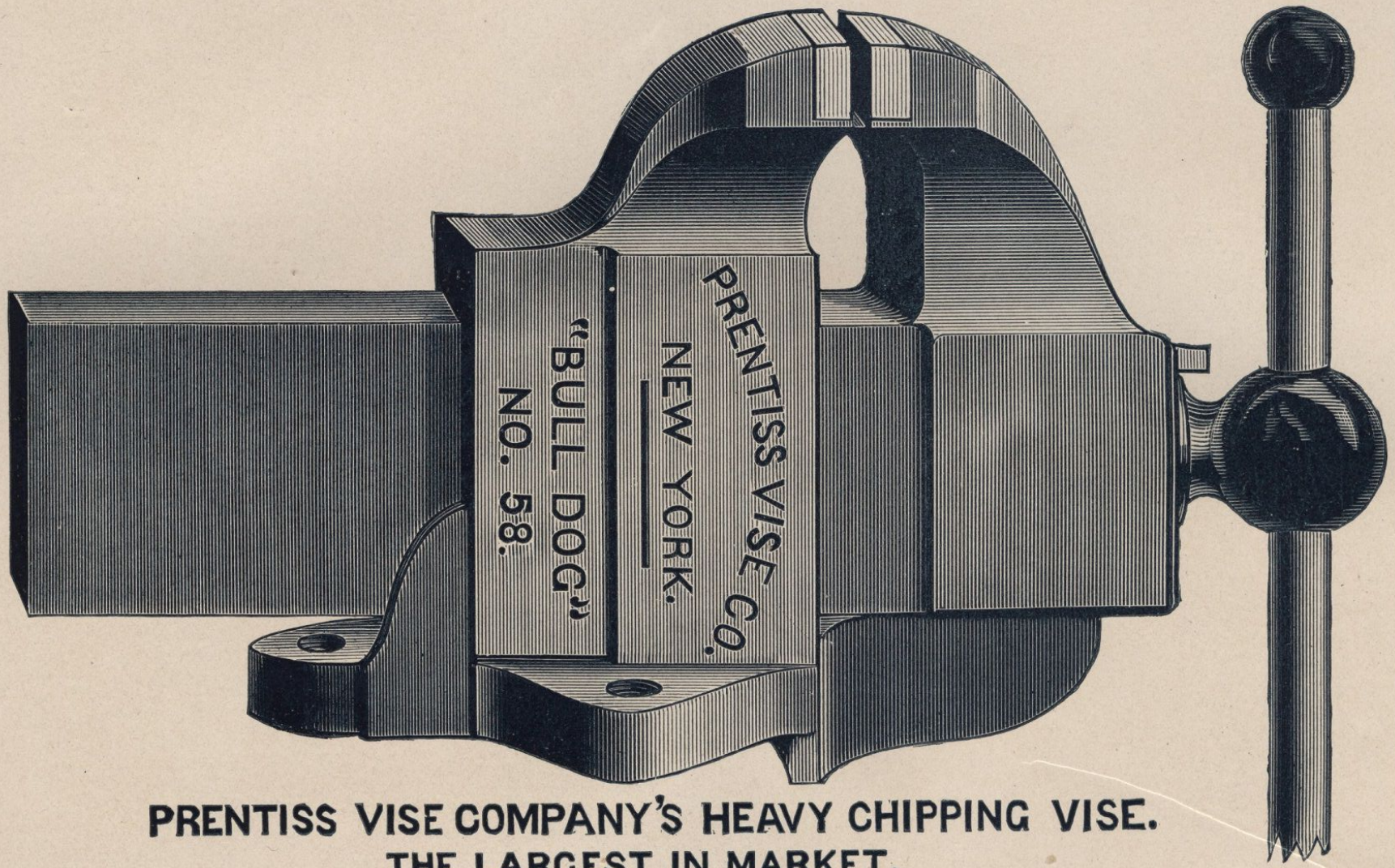


Swivel Bottom,

Coach-Makers' Solid Jaw, Parallel Vise.

Our "Bull Dog" Wood-Workers' Vises have very high Jaws, allowing the operator more room for holding work than is provided in the Vises of other makers.

No 99. Swivel Bottom, ... Price $11 50
4¼ in. Jaws. Opens 9 in. Weight 58 lbs.



PRENTISS VISE COMPANY'S HEAVY CHIPPING VISE.

THE LARGEST IN MARKET.

SPECIAL NOTICE.

PRENTISS VISE COMPANY'S HEAVY

Chipping Vise.

We have just introduced on the market a New Solid Jaw, Heavy Chipping Vise, made especially to supply the demand for a Vise of this Class for use in Railroad and Machine Shops, Foundries, Glass Works, Mills and large Manufactories.

This is the **LARGEST** and **HEAVIEST VISE** in the market, and possesses all requisites to meet the heavy demands such an implement may be expected to have made upon it.

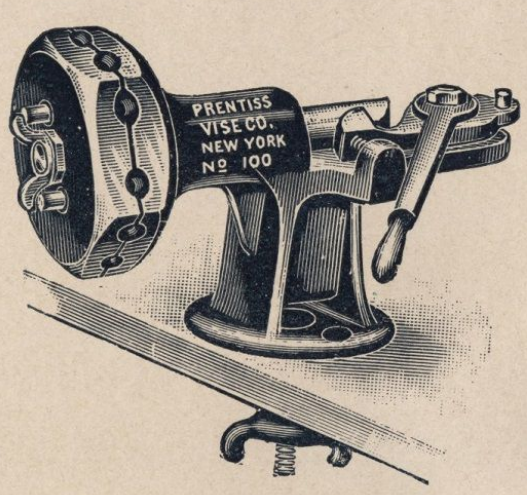
PRICE.

No. 58, ... **$50 00**

8½ inch jaws. Opens 12 inches. Weight 275 Pounds.

Swivel Bottom Attachment for above, . $5 00

Prentiss'
Patent Bicycle Vise.



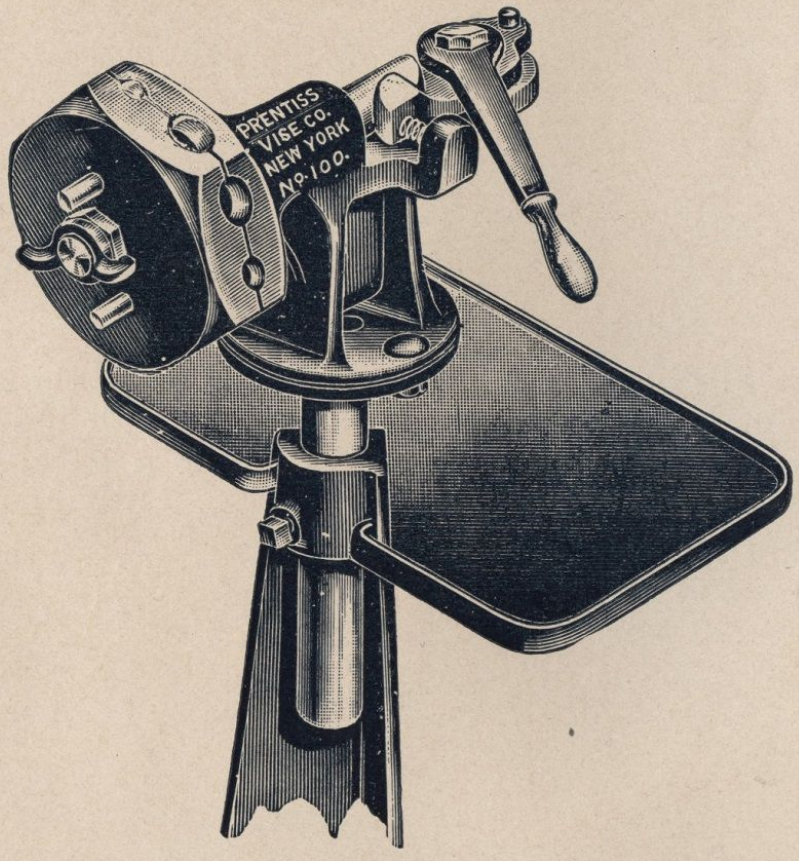
Swivel Bench Vise.

The operation of this Vise is very simple.

With one hand work is placed between the Jaws, opposite its proper groove, while with the other the front jaw is closed, when the Latch, shown on top of Vise at the back, engages with corresponding notch in Sliding Stem; then the Lever is pulled forward to draw the two Jaws firmly together. Pushing Lever back, first relieves pressure on the Jaws, not opening them fully, however, until it strikes pin shown on back of Latch—this disengages the latter, allowing Jaws to open automatically and instantly.

No. 100. Prentiss' Swivel Bike Vise, . Price $ 7 00

Prentiss' Patent Bicycle Vise.



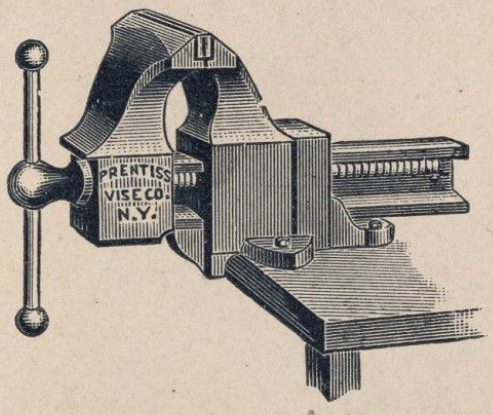
With Adjustable Stand and Tool Table.

Designed especially for Bicycle Factories and Repair Shops. The most convenient and quickest-acting vise made. Thoroughly up to date. Holds frames or tube in any position. The Jaws, which revolve, are faced with lead to prevent marring work, and are grooved to accurately fit six different diameters, varying by eighths from $\frac{5}{8}$ to $1\frac{1}{4}$ inclusive.

The Iron Column or Stand can be adjusted to any suitable height, and is furnished with Tool Table of ample size to conveniently hold all necessary tools.

No. 100. Prentiss' Bike Vise with Column and Tool Table, ... Price $13 00

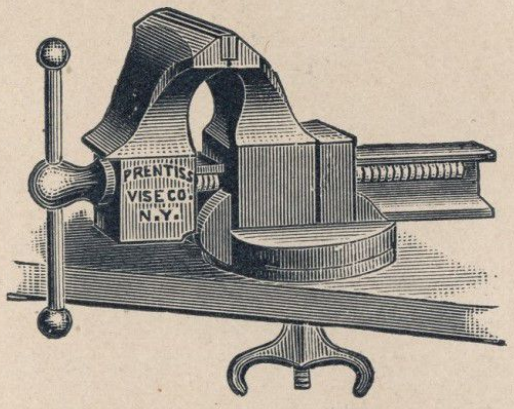
NEW STEEL (CHANNEL) BAR FILERS' VISES.



Stationary Bottom, Filers' Vise.

Unlike all other so-called "Steel Arm Vises," the Prentiss is absolutely as **inflexible** and **rigid** as though made with cast iron slide, thus insuring the user a parallel Vise that **will not spring nor break.**

No. 43. Stationary Bottom, ... Price $7 00
4 in. Jaws. Opens 6 in. Weight 37 lbs.



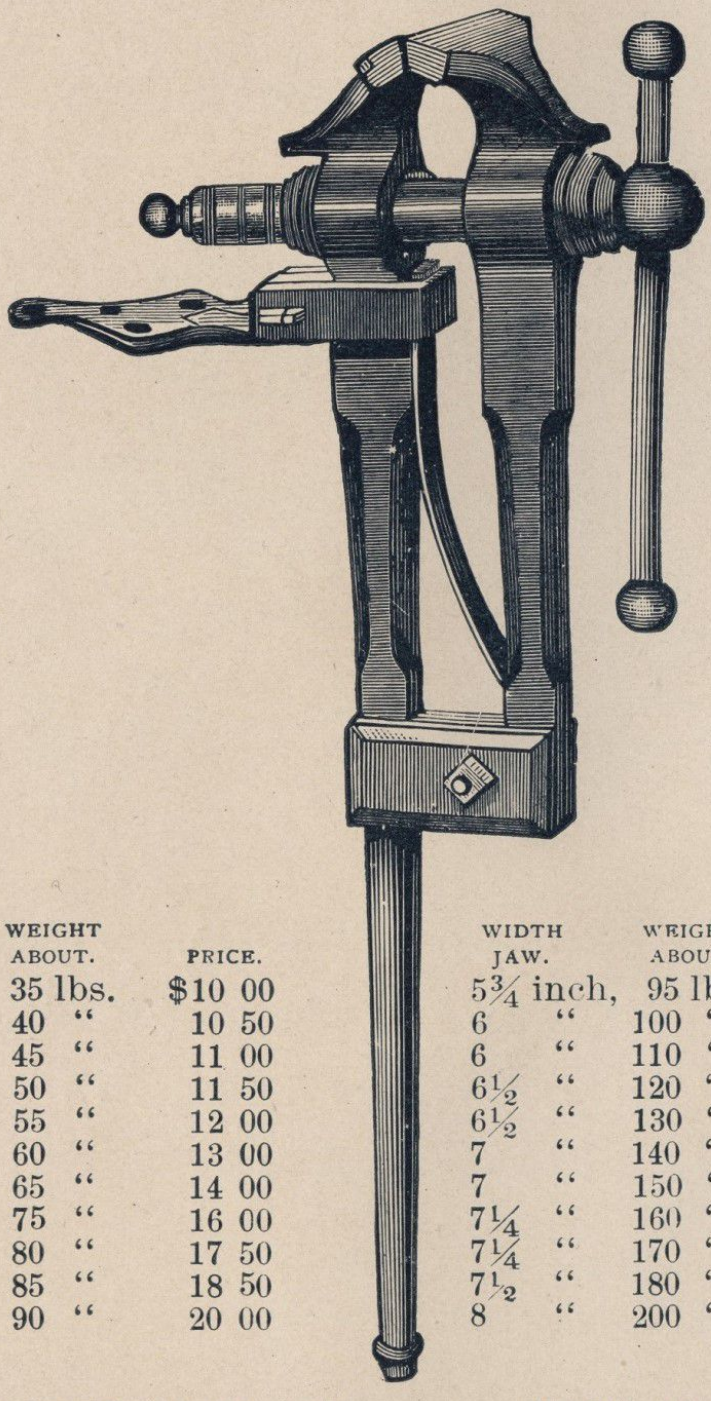
Swivel Bottom, Filers' Vise.

OUR WROUGHT STEEL (CHANNEL) SLIDING BAR renders it possible to construct this Vise with the **HIGHEST JAWS** and **LARGEST THROAT OPENING** of any vise ever before offered, thus holding the largest work.

Rough-cut or smooth Jaws, as ordered.

No. 48. Swivel Bottom, ... Price $8 00
4 in. Jaws. Opens 6 in. Weight 45 lbs.

WROUGHT IRON SOLID BOX VISES.



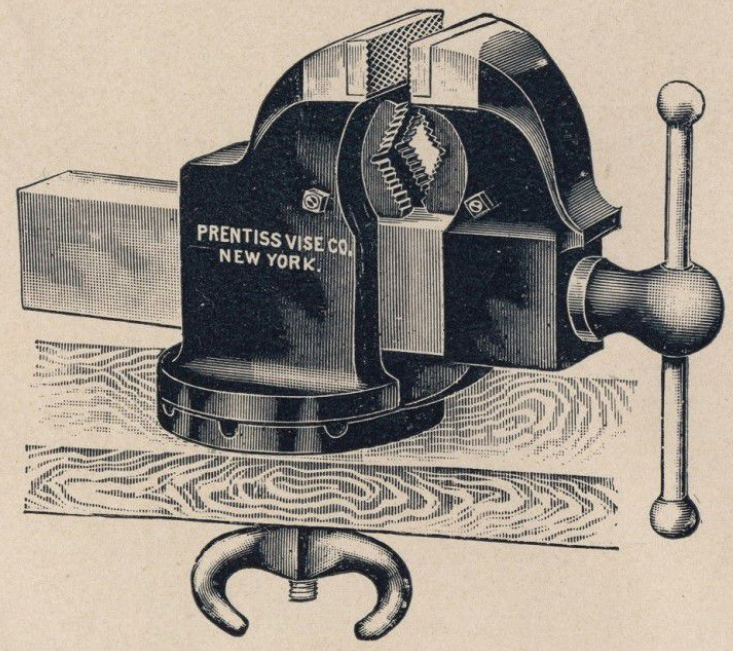
WIDTH JAW.	WEIGHT ABOUT.	PRICE.
3¾ inch,	35 lbs.	$10 00
4 "	40 "	10 50
4¼ "	45 "	11 00
4½ "	50 "	11 50
4¾ "	55 "	12 00
5 "	60 "	13 00
5 "	65 "	14 00
5¼ "	75 "	16 00
5½ "	80 "	17 50
5½ "	85 "	18 50
5¾ "	90 "	20 00

WIDTH JAW.	WEIGHT ABOUT.	PRICE.
5¾ inch,	95 lbs.	$21 00
6 "	100 "	22 00
6 "	110 "	24 00
6½ "	120 "	26 00
6½ "	130 "	29 00
7 "	140 "	33 00
7 "	150 "	36 00
7¼ "	160 "	41 50
7¼ "	170 "	44 50
7½ "	180 "	47 00
8 "	200 "	56 00

In **ordering** Solid Box Vises give **Width of Jaw** and approximate **Weight.**

THE NEW

Blake Pipe Vise.



Strongest Combination Pipe Vise Made.

Swivel Base Guaranteed Not to Slip.

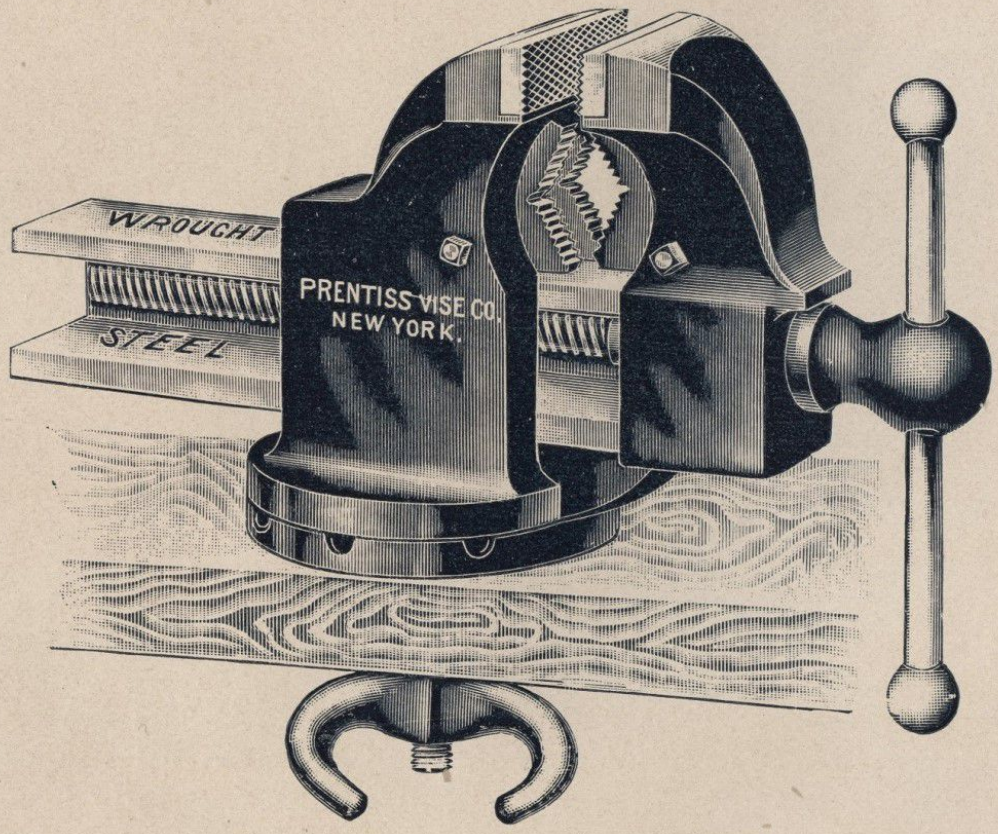
Pipe Jaws are Reversible.

Best Materials, Finest Finish.

No. 181. Jaws 3½ inches, ... $16 00
Holds ⅛ to 2½ inch pipe. Weight 53 lbs.

No. 182. Jaws 4¼ inches, ... $20 00
Holds ⅛ to 3 inch pipe. Weight 75 lbs.

THE NEW
Blake Pipe Vise.

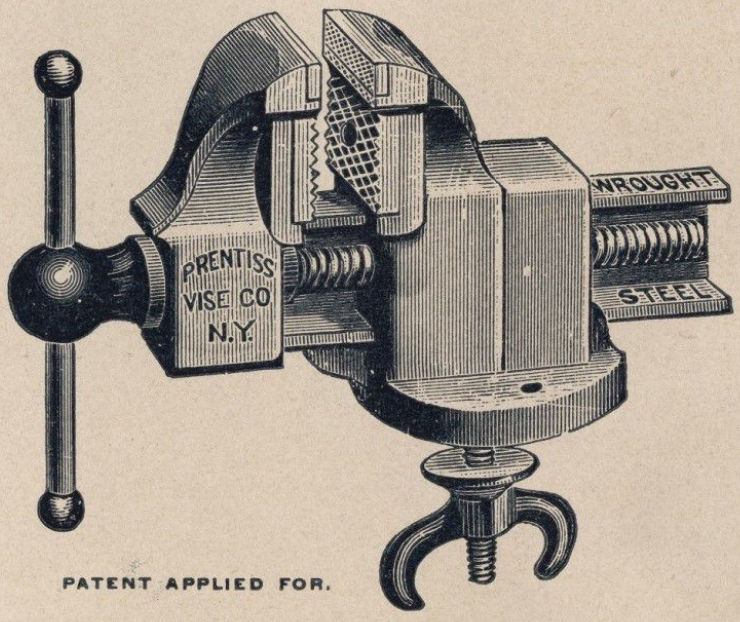


Extra Strong Combination Pipe Vises for Large Pipe.
Wrought Steel Sliding Bar Cannot Break.
Swivel Base Guaranteed Not to Slip.
Pipe Jaws are Reversible.

No. 183. Jaws 6 inches, ... $35 00
Holds ⅛ to 6 inch pipe. Weight 155 lbs.

No. 185. Jaws 7 inches, ... $60 00
Holds ⅛ to 8 inch pipe. Weight 240 lbs.

PRENTISS' IMPROVED
Combination Pipe Vises.



PATENT APPLIED FOR.

Our Pipe Vise, as first constructed, has been in constant use during the last ten years in the largest Pipe establishments requiring such tools, and has given unqualified satisfaction. We now offer it with our latest improvement **"THE WROUGHT STEEL (CHANNEL) SLIDING BAR,"** which makes it unbreakable and superior to all others.

The "Grip Plates" are made of best steel, carefully tempered, and are deeply serrated at right angles, forming innumerable points.

These heavy Steel Plate Pipe Jaws are reversible and interchangeable, and are full width of vise, thereby giving greater holding contact, with much less pressure on the pipe, than with old style concave jaws.

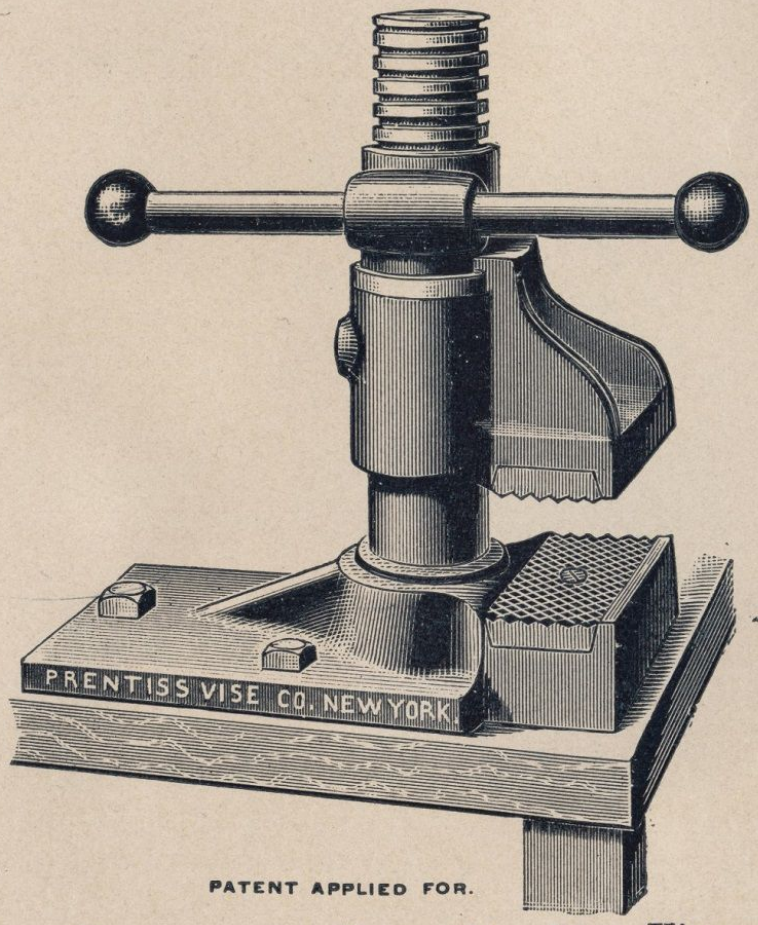
Pipe may be held at various angles and a slight turn of lever releases it. Capacity greater than other vises.

No. 81. Jaws 3½ inches, ... $16 00
Holds ⅛ to 2½ inch pipe. Weight 35 lbs.

No. 82. Jaws 4¼ inches, ... $20 00
Holds ⅛ to 4 inch pipe. Weight 55 lbs.

No. 83. Jaws 5 inches, ... $30 00
Holds ⅛ to 6 inch pipe. Weight 100 lbs.

Prentiss' New Open Side Pipe Vises.



PATENT APPLIED FOR.

In presenting our new Open Side Pipe Vise which is constructed on an **ENTIRELY NEW PLAN,** we claim it to be the most complete, simple and strongest Pipe Vise in use, and also that it will hold pipe firmly with much less pressure than any other Vise, thereby overcoming danger of crushing the pipe. It can be used on bench or post and will hold pipe in any position, requiring but half the space necessary for other Vises.

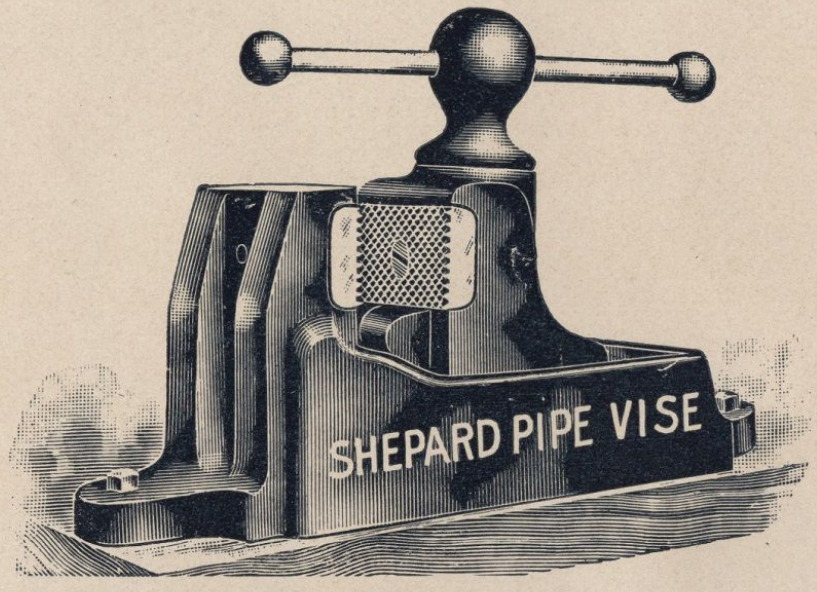
See description of "Grip Plates" on page 34.

No. 85. Jaws 2¾ inches, ... $ 7 00
Holds ⅛ to 2 inch pipe. Weight 8 lbs.

No. 86. Jaws 3¼ inches, ... $10 00
Holds ⅛ to 3 inch pipe. Weight 18 lbs.

No. 88. Jaws 4¼ inches, ... $16 00
Holds ⅛ to 4½ inch pipe. Weight 40 lbs.

SHEPARD PIPE VISES.



Pipe is free for removal from Vise by a slight turn of lever.

Vise is instantly adjusted for any size pipe within its range by a simple movement of lever.

Will automatically grip long lengths of pipe and automatically release same by simply lifting pipe from between jaws. The gripping plates are vertical and will always remain free from scales and dirt. Each size of pipe has a different point of contact upon the gripping plates, lessening the wear and greatly increasing the length of time they will remain sharp.

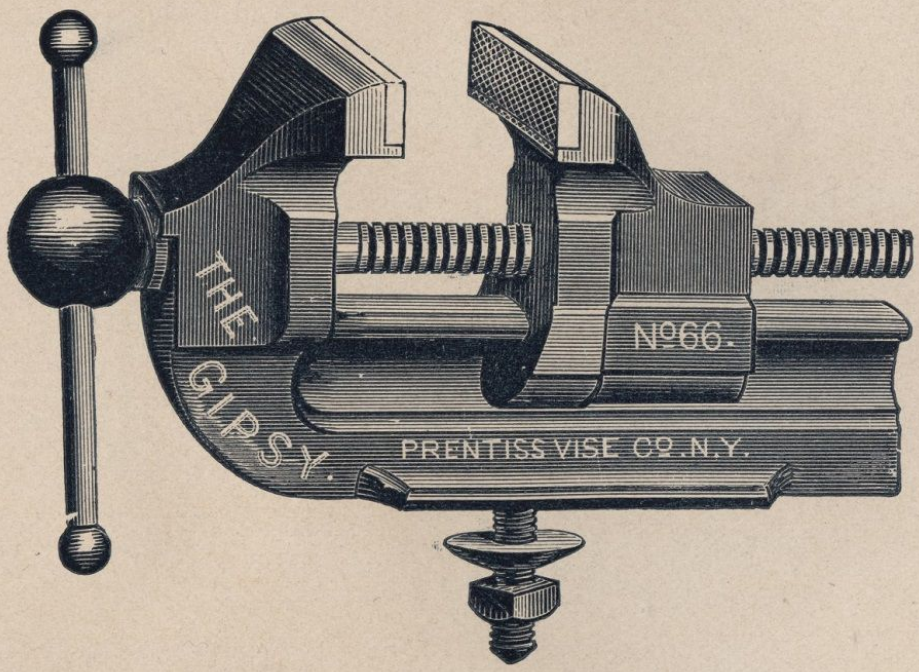
Pipe if drawn through the jaws rests upon frame of Vise, avoiding wear and consequent dulling of the gripping plates, which are described on page 34.

These Vises are warranted to grip pipe firmly, and to hold it satisfactorily.

No. 201.	Holds	⅛ to 2½	in.	Pipe.	Weight	18 lbs.	Price	$6	50
No. 202.	"	¼ to 4	in.	"	"	35 lbs.	"	12	00
No. 203.	"	1 to 6	in.	"	"	80 lbs.	"	20	00

"GIPSY."

(TRADE MARK.)



To supply the growing demand for a Strong, Cheap Handy Vise for **Common Uses,** we have added to our list the above implement which we think is in every way suitable for the purpose. It is made of good material, with **Steel Screw and Welded Steel Jaws Milled and Cut, is Strong, Convenient, of Ample Weight and Cheap.** Head of swivel screw moves in groove running whole length of bottom plate, allowing operator to move vise out, in, or to any desired angle and fasten in position.

The nut is made by a **long full thread** cut in **solid metal** of back Jaw.

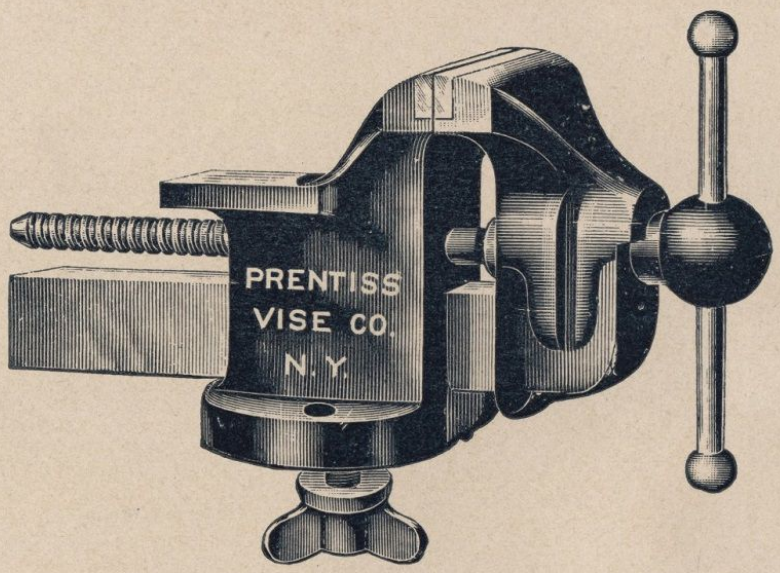
These Vises are handsomely painted and polished, and are finished equal to any first-class Vise in market.

No. 65. Jaws 2½ in. wide. Opens 3 in.
Weight 8 lbs., ... Price $ 1 75

No. 66. Jaws 3½ in. wide. Opens 4 in.
Weight 14 lbs., ... Price $ 2 50

No. 67. Jaws 4 in. wide. Opens 6 in.
Weight 28 lbs., ... Price $ 4 00

SHEPARD NEW STATIONARY VISES.



PATENT APPLIED FOR.

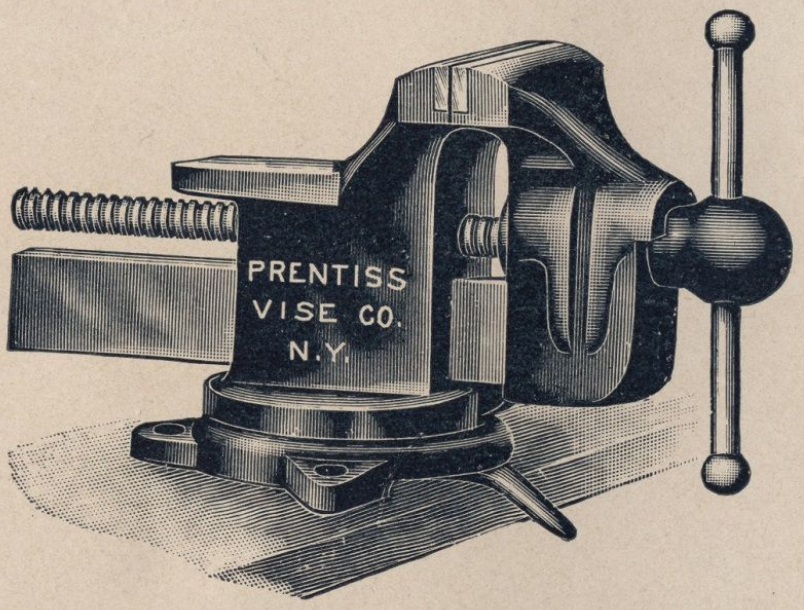
Can be used as either Stationary or Swivel Bottom Vise.

Each Vise is equipped with Central Bolt, Nut and Washer for fastening to Bench.

Is also provided with bolt holes for permanently securing to bench.

No. 158.	Jaws	2	in.	Opens	2	in.	Wt.	2½	lbs.	Price $	75
No. 160.	"	2	"	"	2	"	"	4	"	"	1 50
No. 161.	"	2½	"	"	3	"	"	11	"	"	2 00
No. 162.	"	3½	"	"	4	"	"	16	"	"	2 75
No. 163.	"	4	"	"	6	"	"	30	"	"	4 00

SHEPARD NEW SWIVEL VISES.



PATENT APPLIED FOR.

Most Convenient Cheap Vise ever offered.

Handiest Swivel Bottom on any Vise—
all on top of Work-Bench.

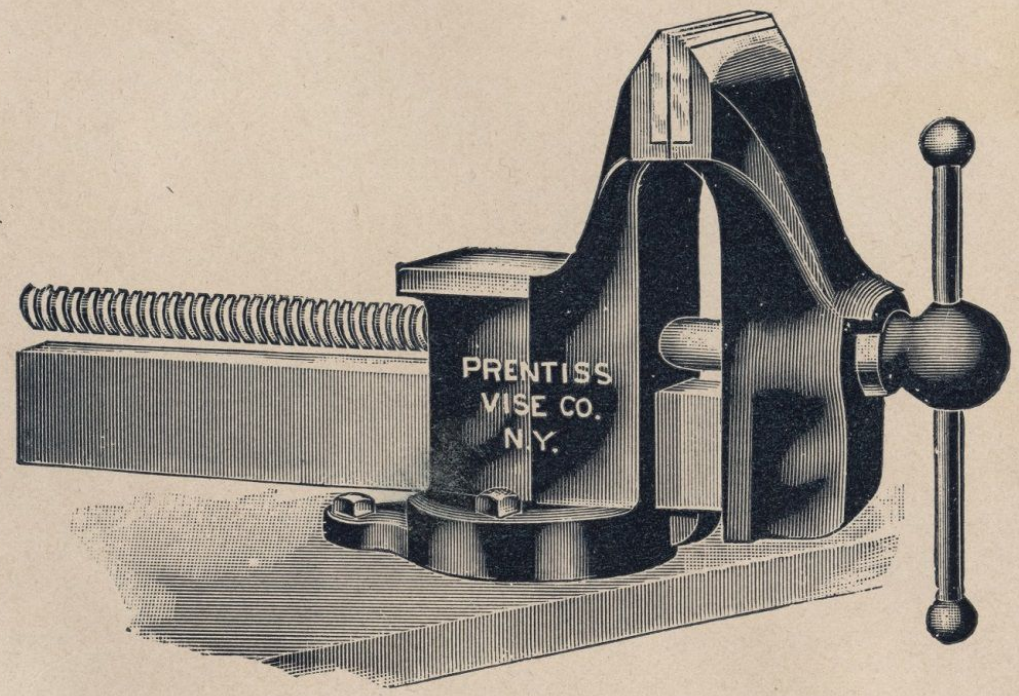
Wrought Steel Sliding Bars, Screws, Levers and Jaws.

Handsomely Polished Anvil.

This is the best finished and most attractive Vise ever offered.

No. 159.	Jaws	2	in.	Opens	2	in.	Weight	3	lbs.	Price $1 00
No. 60.	"	2	"	"	2	"	"	5	"	" 1 65
No. 61.	"	2½	"	"	3	"	"	12	"	" 2 25
No. 62.	"	3½	"	"	4	"	"	18	"	" 3 00
No. 63.	"	4	"	"	6	"	"	32	"	" 4 50

SHEPARD WOOD-WORKERS' VISES.



PATENT APPLIED FOR.

Stationary Bottom,
Coach-Makers' Solid Jaw, Parallel Vise.

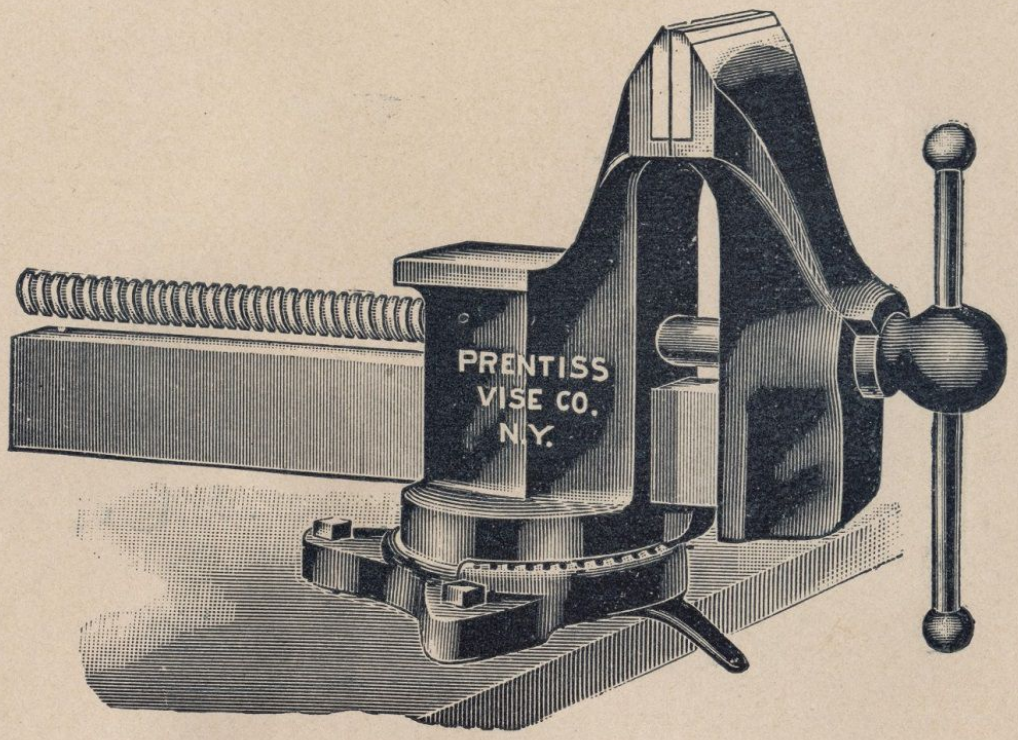
Our Shepard Wood-Workers' Vises are very handsomely finished and well made. All bright parts, including Anvil, are fully polished.

Although these Vises are equal to the best goods turned out by most makers, we offer them at extremely low prices.

No. 168. Stationary Bottom, . . . Price $ 5 25
3½ in. Jaws. Opens 7 in. Weight 33 lbs.

No. 68. Stationary Bottom, . . . Price $ 6 25
4½ in. Jaws. Opens 9 in. Weight 42 lbs.

SHEPARD WOOD-WORKERS' VISES.



PATENT APPLIED FOR.

Patent Swivel Bottom, Coach-Makers' Solid Jaw, Parallel Vise.

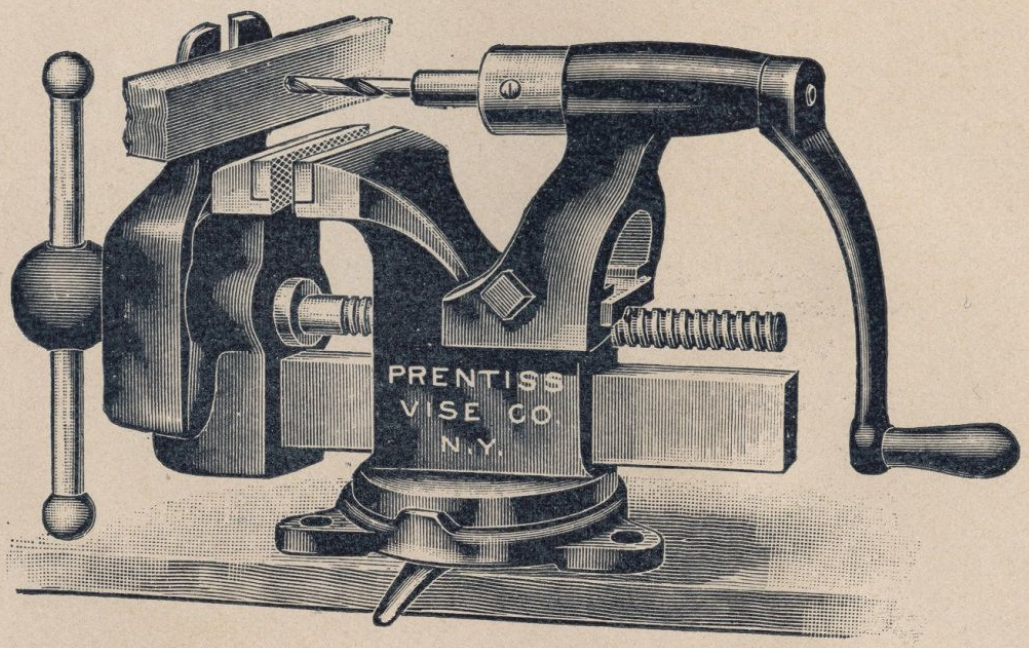
The Swivel Base on this Vise is the most convenient ever offered. A slight movement of the lever allows Vise to turn to any desired position, where it is rigidly fastened by another slight turn of lever.

We believe these Vises will be appreciated by all who desire a good tool at moderate cost.

No. 169. Patent Swivel Bottom, . . . Price $6 00
3½ in. Jaws. Opens 7 in. Weight 38 lbs.

No. 69. Patent Swivel Bottom. . . . Price $7 25
4½ in. Jaws. Opens 9 in. Weight 46 lbs.

Handy Drill Attachments



PATENT APPLIED FOR.

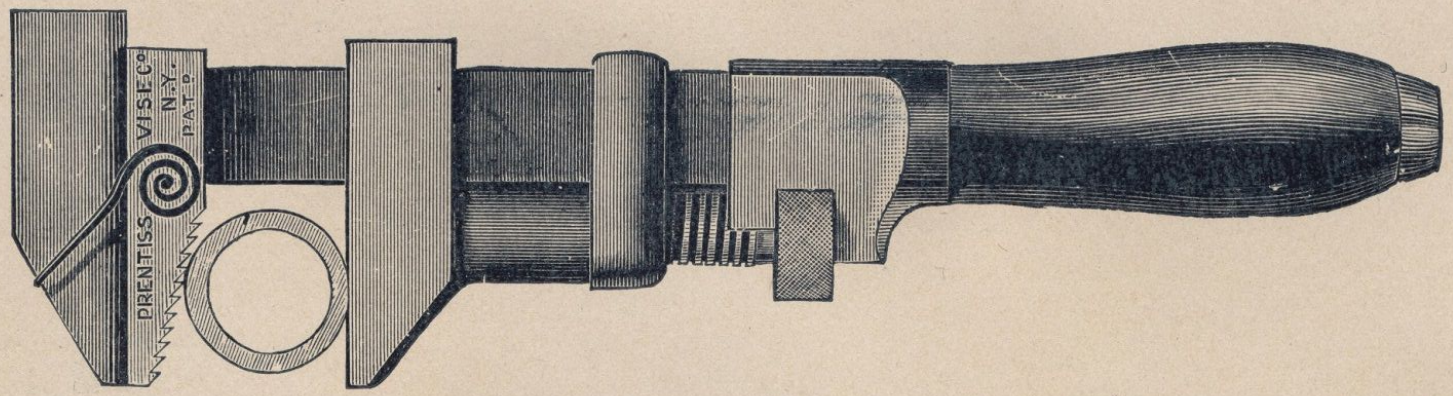
For New Shepard Vises.

This is the only Drilling Attachment that can be securely fastened to Vise, thus enabling operator to do as perfect work as with expensive post or bench drill.

Sockets are fitted for ½ and $\frac{41}{64}$ round shank drills, or for square taper shank, as ordered. Unless otherwise instructed, we send ½ inch round socket.

Drill Attachment for Vise No. 62 and No. 162 . . . $2 00
Drill Attachment for Vise No. 63 and No. 163 . . . 2 50

"Eclipse" Wrench Attachment.



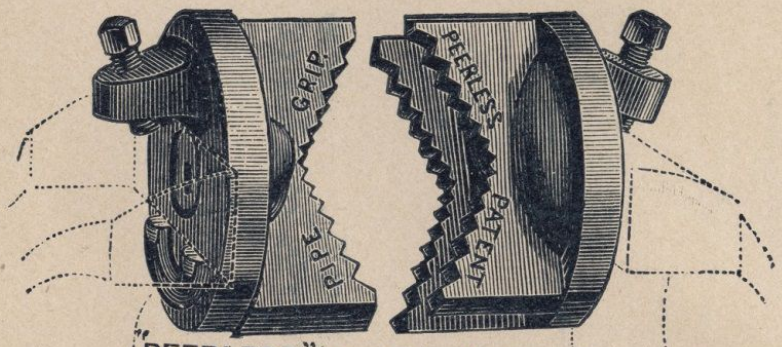
This little article, which is readily slipped on or off a wrench, will instantly convert ***any ordinary Screw Wrench*** into a ***first-class Pipe Wrench,*** capable of doing all the work required of such a tool.

Dropped forged and handsomely finished. Fully Warranted.

PRICE LIST.

No. 8.	Will fit any 8 inch Screw Wrench, ...	40 Cents.
No. 10.	" " " 10 " " "	50 "
No. 12.	" " " 12 " " "	60 "
No. 15.	" " " 15 " " "	70 "
No. 18.	" " " 18 " " "	80 "

NEW PEERLESS PATENT PIPE GRIP.



"PEERLESS" (SWIVEL) PIPE GRIP

New Improved (Swivel Jaw) Pipe Grip "Peerless".

MADE OF STEEL.

No. 1. Fits **any** 3 to 4½ inch Vise, . . Price $ 2 50
Will hold ¼ to 2½ inch pipe.

No. 2. Fits **any** 4¾ to 5½ inch Vise, . . Price $ 2 75
Will hold ¼ to 5 inch pipe.

No. 3. Fits **any** 6 to 8½ inch Vise, . . Price $ 3 00
Will hold ¼ to 6 inch pipe.

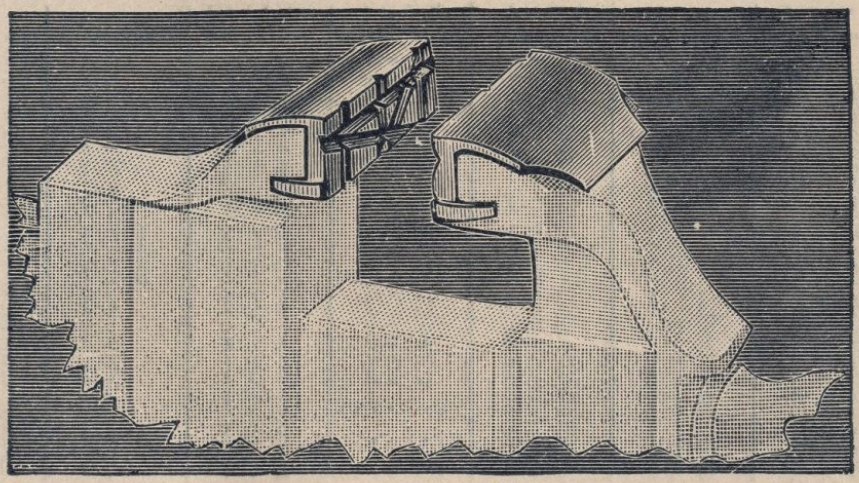
Having made recent improvements in the **Peerless Pipe Grip,** we now offer **Machinists, Engineers, Steam, Gas and Pump Fitters, Plumbers and Blacksmiths,** the most convenient tool ever made for holding **Pipes, Thimbles, Couplings, Bolts, Nuts, &c.,** at greatly reduced prices.

We are confident this **new implement** will supply a deficiency long felt by mechanics who have frequent use for a Pipe Grip, but are not warranted in purchasing an expensive tool for such purpose.

Being compact and light it is easily transferred from shop to outside work, and its ready adaptability to **any Vise used by Machinists, Blacksmiths, &c.,** makes it particularly acceptable **in Mining, Oil or other sections** remote from machine shops where it is INVALUABLE and indeed ALMOST INDISPENSABLE.

The Bingham Vise-Jaw Caps.

PATENTED JULY 7, 1891.



These Caps will fit any vise and are intended to protect finished work when clamped in a vise, and also for holding securely, without injury, finished rods of any shape, round, oval, square or polygonal, for which latter purpose grooves of various sizes, and disposed at various angles, are provided. For holding the shank of a tap, when finishing out the flutes with a file, and a hundred kindred operations, these Caps will be found invaluable. All tool-makers and vise-hands who have used them, pronounce them an indispensable appendage to a bench vise. When the stops at the end of faces abut against the sides of the vise jaws, the corresponding grooves in a pair of Caps will be opposite each other, so that any sized Cap can be used with any width of jaw; but it is of course preferable to have the Cap the same length as the width of the jaw to which it is to be attached.

We can supply them in five sizes, as per list below:

3½ inch....per pair, 40 cents. 4 inch....per pair, 50 cents.

4½ inch....per pair, 60 cents.

1¾ and 2 inch (for Jewellers), per pair, 40 cents.

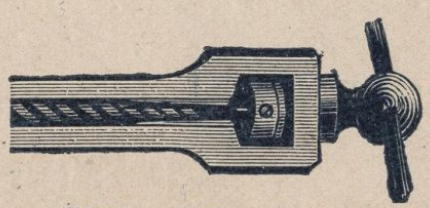
Same, Nickel plated, per pair, 60 cents.

PRICE LIST EXTRA PARTS.

VISE NUMBER.	BODY.	FRONT JAW.	BACK JAW.	SCREW & LEVER.	NUT.	BASE.
1 & 18	1 25	1 25	1 25	1 25	35	1 25
2 & 19	1 75	1 75	1 75	1 25	40	1 25
2½ & 19½	2 75	2 75	2 00	1 50	40	1 50
3 & 20	3 25	3 25	2 25	1 75	60	1 76
4 & 21	5 50	5 50	3 50	2 25	75	2 25
5 & 22	7 50	7 50	6 00	3 50	1 00	4 50
6 & 23	11 00	11 00	6 00	3 50	1 25	6 00
42 & 47	2 50	2 50	2 00	1 50	40	1 50
12 & 27	1 75	1 75	1 75	1 25	40	1 25
10 & 26	3 25	3 25	2 25	1 75	60	1 75
43 & 48	2 75	2 75	.....	1 50	40	1 50
50 & 90	2 50	2 50	.....	1 00	60	1 50
51 & 91	2 90	2 90	.....	1 25	70	1 75
52 & 92	3 50	3 50	.....	1 50	80	2 00
53 & 93	4 25	4 25	.....	1 50	90	2 50
54 & 94	5 35	5 35	.....	2 00	1 00	3 00
55 & 95	8 50	8 50	.....	2 50	1 25	3 50
56 & 96	11 00	11 00	.....	3 00	1 50	5 00
59 & 99	4 00	4 00	.....	1 50	90	2 00
58	22 00	22 00	.....	6 00	2 50	Pull Bar
70	2 15	2 15	.....	1 15	1 15	60
71	2 75	2 75	.....	1 25	1 25	75
72	3 75	3 75	.....	1 75	1 75	85
73	4 75	4 75	.....	2 00	2 00	85
74	7 00	7 00	.. ....	2 50	2 50	1 00
75	10 50	10 50	.....	3 75	3 50	1 25
76	4 00	4 00	.....	1 75	1 75	85

In ordering new ***Front Jaws*** state style of Vise, always give the size (square) of the Sliding Bar of Jaw, and also state whether the broken part has "Dog" or "Collar" style of fastening, for holding in the screw, as shown in following cuts:—

"Dog" Fastening.



COllar" Fastening.

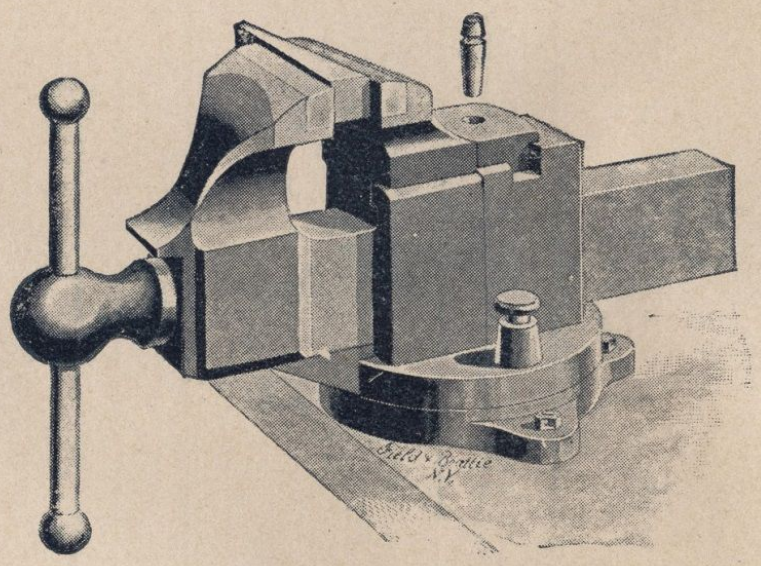
FOR CONVENIENCE OF THOSE WHO WISH TO ORDER BY WIRE, WE HAVE ADOPTED THE FOLLOWING

Telegraphic Code:

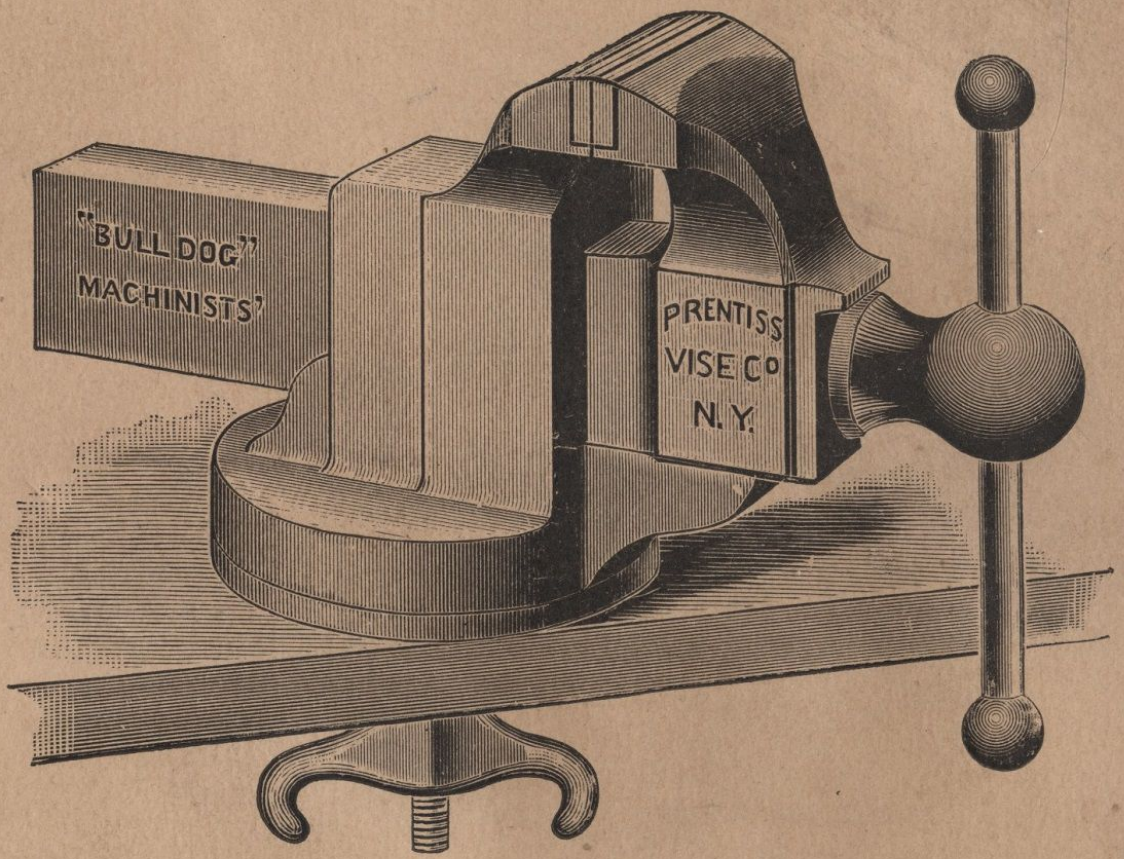
Vise No.	Code Word	Vise No.	Code Word.	Vise No.	Code Word.
1	White	70	First	85	Flask
2	Green	71	Second	86	Fawn
2½	Gray	72	Third	88	Moose
3	Blue	73	Short	181	Plug
4	Black	74	Left	182	Pipe
5	Red	75	Centre	183	Elbow
6	Brown	76	Right	185	Union
18	Office	50	Base	201	Store
19	Shop	51	Strike	202	Stone
19½	Engine	52	Ball	203	Strand
20	Mill	53	Fly	152	Sugar
21	Factory	54	Catcher	153	Sweet
22	Foundry	55	Bat	154	Song
23	Forge	56	Run	158	School
42	File	59	Pitcher	159	Skate
47	Rasp	90	Rod	160	Snow
12	Ash	91	Gun	161	Smoke
10	Maple	92	Rifle	162	Show
27	Beach	93	Line	163	Straw
26	Oak	94	Hook	60	Swan
30	Lead	95	Leader	61	Swift
31	Silver	96	Basket	62	Surf
32	Brass	99	Trout	63	Strong
33	Bronze	58	Home	168	Step
34	Metal	100	Bike	68	Spoke
34½	Steel	Col-		169	Shaft
35	Copper	umn	Column	69	Strap
36	Gold	43	Boat	65	Switch
37	Iron	48	Barge	66	Sterling
38	Nickel	81	Snipe	67	Stock
39	Zinc	82	Bear		
39½	Tin	83	Deer		

Cable Address, "Prentvise, Newyork."

THE PRENTISS.



BEST VISE MADE.



PRESS OF CLARENCE S. NATHAN, 9 & 11 FRANKLIN ST., N. Y.